

12/21/90 JPH IF CONSUMER PAYMENT IS LESS THAN MERCHANT
CREDIT LIMIT, PROCESS PAYMENT AS ACH ITEM
REGARDLESS OF THE CREDIT LIMIT TOTAL.
EXCLUDE THESE ITEMS FROM ACCUMULATION
OF ACH TRANSACTIONS INTO THE CREDIT LIMIT
TOTAL.

02/01/91 JPH EXPAND SOURCE CODE CHECK FOR PAY BY PHONE
FROM 'N' TO 'N14'.

03/08/91 JPH COMMIT WORKS AND RESTART PROCESSING.

04/11/91 KAB CHANGED THE 'ROLLOVER DATE' HEADING TO
'EXTRA PMT.' AND OMITTED THE 'ROLLOVER AMT'
HEADING. ALSO, CHANGED THE DRAFT ERROR
REPORT TO SHOW STATUS CODES AND ADDED TOTALS
BY STATUS.

04/19/91 PAW ADD CODE TO USE PAPER OR ELECTRONIC
RT IF EFT CODE = 'B'.

05/25/91 JWF ELECTRONIC REMITTANCE PROCESSING.

06/05/91 JPH CORRECT PAYMENT ROLLOVER ERRORS FOR WEEKLY
OR BIWEEKLY PAYMENTS.

ENVIRONMENT DIVISION.
CONFIGURATION SECTION.
INPUT-OUTPUT SECTION.
FILE-CONTROL.

SELECT DATE-FILE

ASSIGN TO DA-IDFILE
ORGANIZATION IS INDEXED
ACCESS MODE IS DYNAMIC
RECORD KEY IS COMP-CTL-KEY
FILE STATUS IS COMP-STATUS.

SELECT MERCHANT-FILE

ASSIGN TO DA-MERCHANT
ORGANIZATION IS INDEXED
ACCESS MODE IS RANDOM
RECORD KEY IS MMR-KEY
FILE STATUS IS MMR-STAT.

SELECT TRAMHOLD-FILE

ASSIGN TO UT-S-TRNHOLD.

SELECT DRFTITEM-FILE

ASSIGN TO UT-S-DRFTITEM.

SELECT ROLLOVER-REPORT

ASSIGN TO UT-S-SYS020.

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SELECT ERROR-REPORT ASSIGN TO UT-S-SYS021.
 SELECT SUMMARY-REPORT ASSIGN TO UT-S-SYS022.
 SELECT CARDIN ASSIGN TO UT-S-CARDIN.
 SELECT PAY-TABLE-INPUT ASSIGN TO UT-S-PAYTBLIN.
 SELECT PAY-TABLE-OUTPUT ASSIGN TO UT-S-PAYTBLOT.

DATA DIVISION.
 FILE SECTION.

FD DATE-FILE.
 01 DATE-RECORD.
 05 COMP-CTL-KEY PIC X(10).
 05 COMP-CTL-REC PIC X(400).

FD MERCHANT-FILE.
 -INC FMERCHNT

FD TRANHOLD-FILE
 RECORDING MODE F
 BLOCK CONTAINS 0 RECORDS.
 -INC FVDNFTRM

FD DRFTITEM-FILE
 RECORDING MODE F
 BLOCK CONTAINS 0 RECORDS.
 01 DRFTITEM-RECORD PIC X(142).

FD ROLLOVER-REPORT
 RECORDING MODE F
 BLOCK CONTAINS 0 RECORDS.
 01 ROLLOVER-REPORT-LINE PIC X(142).

FD ERROR-REPORT
 RECORDING MODE F
 BLOCK CONTAINS 0 RECORDS.
 01 ERROR-REPORT-LINE PIC X(142).

FD SUMMARY-REPORT
 RECORDING MODE F
 BLOCK CONTAINS 0 RECORDS.
 01 SUMMARY-REPORT-LINE PIC X(142).

FD CARDIN
 RECORDING MODE F
 BLOCK CONTAINS 0 RECORDS.
 01 CARDIN-LINE PIC X(80).

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000245	01/02/91
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000251	01/02/91
X 000252	11/14/90
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000255	01/02/91
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X 000257	04/20/91
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000260	01/02/91
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000262	03/13/91
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000272	03/13/91
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000275	01/02/91
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000277	03/13/91
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000280	01/02/91
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000283	03/13/91

FD PAY-TABLE-INPUT
RECORDING MODE F
BLOCK CONTAINS 0 RECORDS.
01 PAY-TBL-INPUT-REC PIC X(25).

FD PAY-TABLE-OUTPUT
RECORDING MODE F
BLOCK CONTAINS 0 RECORDS.
01 PAY-TBL-OUTPUT-REC PIC X(25).

WORKING-STORAGE SECTION.

77 FILLER
PIC X(37) VALUE
'PDB00010 WORKING-STORAGE BEGINS HERE'.

EXEC SQL INCLUDE PBT001 END-EXEC.

EXEC SQL INCLUDE PBT002 END-EXEC.

EXEC SQL INCLUDE PBT006 END-EXEC.

EXEC SQL INCLUDE PBT007 END-EXEC.

EXEC SQL INCLUDE PBT010 END-EXEC.

EXEC SQL INCLUDE PBT900 END-EXEC.

77 SQL-DRAFT-DATE PIC S9(6) COMP VALUE ZEROS.
77 SQL-PREV-SSN PIC S9(9) COMP VALUE ZEROS.

EXEC SQL INCLUDE SQLCA END-EXEC.

-INC SQLFLDS

77 COMP-STATUS PIC XX.
77 WS-COMP-KEY PIC X(10) VALUE 'AAA'.

: FPRODATE

* THE FOLLOWING SWITCH CAN BE INITIALIZED TO 'Y'
* TO INDICATE THAT CERTAIN CODE THAT SHOULD (OR SHOULD NOT)
* BE EXECUTED DURING A NON-PRODUCTION RUN.
* UPDATES OF THE DB2 TABLES ARE BYPASSED AND A CHECK AMOUNT OF
* ZERO IS USED WHEN THE SWITCH IS SET TO 'Y'.

01 TEST-PCGM-SW PIC X(1) VALUE 'N'.
00 TEST-PCGM VALUE 'Y'.

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000326 05/25/91
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000328 05/25/91
000329 05/25/91
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M LEVEL 00 SWITCHES M

01 PROGRAM-INDICATORS.

05	PAYTBL-INPUT-EOF-SW	PIC X	VALUE 'N'.	00335	05/25/91
00	END-OF-TBLIN		VALUE 'Y'.	00336	03/13/91
00	NOT-END-OF-TBLIN		VALUE 'N'.	00337	03/13/91
				00338	03/13/91
				00339	03/13/91
05	INPUT-EOF-SW	PIC X	VALUE 'N'.	00340	
00	EOF		VALUE 'Y'.	00341	
05	PAY-BY-PHONE-SW	PIC X	VALUE 'N'.	00342	
00	PAY-BY-PHONE		VALUE 'Y'.	00343	
05	IS-CONSUMER-IN-ERROR	PIC X	VALUE 'Y'.	00344	
00	CONSUMER-IN-ERROR		VALUE 'Y'.	00345	
				00346	
05	ARE-MRCH-RO-HEADINGS-WRITTEN	PIC X	VALUE 'N'.	00347	
00	MRCH-RO-HEADINGS-NOT-WRITTEN		VALUE 'Y'.	00348	
05	ARE-CONRS-RO-HEADINGS-WRITTEN	PIC X	VALUE 'Y'.	00349	
00	CONRS-RO-HEADINGS-NOT-WRITTEN		VALUE 'N'.	00350	
05	ARE-MRCH-ERR-HEADINGS-WRITTEN	PIC X	VALUE 'Y'.	00351	
00	MRCH-ERR-HEADINGS-NOT-WRITTEN		VALUE 'N'.	00352	
05	ARE-CONRS-ERR-HEADINGS-WRITTEN	PIC X	VALUE 'Y'.	00353	
00	CONRS-ERR-HEADINGS-NOT-WRITTEN		VALUE 'N'.	00354	
05	ARE-CONRS-ERR-DETAIL-WRITTEN	PIC X	VALUE 'Y'.	00355	
00	CONRS-ERR-DETAIL-NOT-WRITTEN		VALUE 'N'.	00356	
05	ARE-MRCH-ERR-DETAIL-WRITTEN	PIC X	VALUE 'Y'.	00357	
00	MRCH-ERR-DETAIL-NOT-WRITTEN		VALUE 'N'.	00358	
05	ARE-CONRS-RO-DETAIL-WRITTEN	PIC X	VALUE 'Y'.	00359	
00	CONRS-RO-DETAIL-NOT-WRITTEN		VALUE 'N'.	00360	
05	ARE-MRCH-RO-DETAIL-WRITTEN	PIC X	VALUE 'Y'.	00361	
00	MRCH-RO-DETAIL-NOT-WRITTEN		VALUE 'N'.	00362	
05	IS-RECORD-IN-ERROR	PIC X	VALUE 'Y'.	00363	
00	RECORD-IN-ERROR		VALUE 'Y'.	00364	
05	IS-PAY-TABLE-ITEM-FOUND	PIC X	VALUE 'N'.	00365	
00	PAY-TABLE-ITEM-FOUND		VALUE 'Y'.	00366	
05	IS-PAY-TABLE-ITEM-NOT-FOUND	PIC X	VALUE 'N'.	00367	
00	PAY-TABLE-ITEM-NOT-FOUND		VALUE 'Y'.	00368	
05	IS-PAY-TABLE-SORTED	PIC X	VALUE 'Y'.	00369	
00	PAY-TABLE-SORTED		VALUE 'N'.	00370	
05	IS-PAY-TABLE-SORTED	PIC X	VALUE 'Y'.	00371	
00	PAY-TABLE-SORTED		VALUE 'N'.	00372	
05	IS-PAY-TABLE-SORTED	PIC X	VALUE 'Y'.	00373	
00	PAY-TABLE-SORTED		VALUE 'N'.	00374	
05	IS-PAY-TABLE-SORTED	PIC X	VALUE 'Y'.	00375	
00	PAY-TABLE-SORTED		VALUE 'N'.	00376	
05	IS-PAY-TABLE-SORTED	PIC X	VALUE 'Y'.	00377	
00	PAY-TABLE-SORTED		VALUE 'N'.	00378	
05	IS-PAY-TABLE-SORTED	PIC X	VALUE 'Y'.	00379	
00	PAY-TABLE-SORTED		VALUE 'N'.	00380	
05	IS-PAY-TABLE-SORTED	PIC X	VALUE 'Y'.	00381	
00	PAY-TABLE-SORTED		VALUE 'N'.	00382	
05	IS-PAY-TABLE-SORTED	PIC X	VALUE 'Y'.	00383	
00	PAY-TABLE-SORTED		VALUE 'N'.	00384	
05	IS-PAY-TABLE-SORTED	PIC X	VALUE 'Y'.	00385	
00	PAY-TABLE-SORTED		VALUE 'N'.	00386	

LISTING OF MODULE PDB00010

M SSN AREA M
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01 WS-SSN-AREA.

05 WS-SSN-IN.

10 WS-SSN-1ST3-IN
 10 WS-SSN-2ND2-IN
 10 WS-SSN-LAST4-IN

PIC 999
 PIC 99
 PIC 9999

VALUE ZEROS.
 VALUE ZEROS.
 VALUE ZEROS.

05 WS-SSN-OUT.

10 WS-SSN-1ST3-OUT
 10 FILLER
 10 WS-SSN-2ND2-OUT
 10 FILLER
 10 WS-SSN-LAST4-OUT

PIC 999
 PIC X
 PIC 99
 PIC X
 PIC 9999

VALUE ZEROS.
 VALUE *..
 VALUE ZEROS.
 VALUE *..
 VALUE ZEROS.

 M COMPARE VARIABLES M
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77 WS-CARDIN-SW

05 MORE-CARDIN
 06 NO-MORE-CARDIN

PIC X

VALUE 'Y'.
 VALUE 'Y'.
 VALUE 'N'.

77 WS-STATUS-A-CNT

77 WS-STATUS-I-CNT
 77 WS-STATUS-F-CNT
 77 WS-STATUS-D-CNT
 77 WS-STATUS-P-CNT
 77 WS-STATUS-C-CNT
 77 WS-STATUS-TOT-CNT

PIC 9(6)
 PIC 9(6)
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 PIC 9(6)

VALUE ZEROS.
 VALUE ZEROS.
 VALUE ZEROS.
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 VALUE ZEROS.
 VALUE ZEROS.

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 M PCN DATE FIELDS M
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01 WS-DATE-WORK.

05 WS-HOLD-DATE-FFMMDDYY.

10 HOLD-F-FFMMDDYY
 10 HOLD-M-FFMMDDYY
 10 HOLD-D-FFMMDDYY
 10 HOLD-Y-FFMMDDYY

PIC 9(02)
 PIC 9(02)
 PIC 9(02)
 PIC 9(02)

VALUE ZEROS.
 VALUE ZEROS.
 VALUE ZEROS.
 VALUE ZEROS.

05 WS-HOLD-DATE.

10 HOLD-MONTH
 10 HOLD-DAY
 10 HOLD-YEAR

PIC 9(02)
 PIC 9(02)
 PIC 9(02)

VALUE ZEROS.
 VALUE ZEROS.
 VALUE ZEROS.

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05	WS-YEAR-WORK.				000590
10	FILLER	PIC X(02)		VALUE ZEROS.	000591
10	WS-VY-LAST2	PIC 9(02)		VALUE ZEROS.	000592
05	DRAFT-DATE-PLUS-DEF				000593
		PIC 9(06)		VALUE ZEROS.	000594
05	DRAFT-DATE				000595
		PIC 9(06)		VALUE ZEROS.	000596
05	WS-TRANS-DATE.				000597
10	WS-TRANS-YEAR	PIC 99		VALUE ZEROS.	000598
10	FILLER	PIC X		VALUE '/'.	000599
10	WS-TRANS-MONTH	PIC 99		VALUE '/'.	000600
10	FILLER	PIC X		VALUE '/'.	000601
10	WS-TRANS-DAY	PIC 99		VALUE ZEROS.	000602
					000603
					000604
05	WS-DELETED-DATE.				000605
10	FILLER	PIC X(07)	VALUE 'DELETED'.		000606
10	WS-DEL-PAY-TYPE	PIC X.			000607
					000608
05	WS-DATE-MDY-WITH-SLASHES.				000609
10	WS-M-MDY-SLASHES	PIC 9(02)		VALUE ZEROS.	000610
10	FILLER	PIC X		VALUE '/'.	000611
10	WS-D-MDY-SLASHES	PIC 9(02)		VALUE ZEROS.	000612
10	FILLER	PIC X		VALUE '/'.	000613
10	WS-Y-MDY-SLASHES	PIC 9(02)		VALUE ZEROS.	000614
					000615
05	WS-DATE-YMD.				000616
10	WS-Y-YMD	PIC 9(02)		VALUE ZEROS.	000617
10	WS-M-YMD	PIC 9(02)		VALUE ZEROS.	000618
10	WS-D-YMD	PIC 9(02)		VALUE ZEROS.	000619
					000620
05	WS-DATE-MDY.				000621
10	WS-M-MDY	PIC 9(02)		VALUE ZEROS.	000622
10	WS-D-MDY	PIC 9(02)		VALUE ZEROS.	000623
10	WS-Y-MDY	PIC 9(02)		VALUE ZEROS.	000624
					000625
05	WS-CURRENT-DATE	PIC 9(06)		VALUE ZEROS.	000626
05	FILLER REDEFINES WS-CURRENT-DATE.				000627
10	CD-YR	PIC 9(02).			000628
10	CD-MONTH	PIC 9(02).			000629
10	CD-DAY	PIC 9(02).			000630
					000631
05	WS-TIME	PIC 9(08)		VALUE ZEROS.	000632
05	FILLER REDEFINES WS-TIME.				000633
10	WS-HH	PIC 99.			000634
10	WS-MM	PIC 99.			000635
10	WS-SS	PIC 99.			000636
10	FILLER	PIC 99.			000637
					000638
05	WS-TRANS-TIME.				000639
10	WS-HOUR	PIC 99		VALUE ZEROS.	000640

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05	10	RO-RUN-DATE	'RUN DATE'	PIC X(8).	000692
					000693
	05	RO-HEADING-2.			000694
		10 FILLER		PIC X(52)	000695
		10 FILLER		PIC X(17)	000696
			VALUE SPACES.	VALUE	000697
			'DRAFT REPORT FOR '		000698
	10	RO-DRAFT-REPORT-DATE	PIC X(8).		000699
		10 FILLER	PIC X(45)		000700
		10 FILLER	PIC X(5)		000701
		10 RO-PAGE-NUMBER	PIC Z,ZZ9.		000702
			VALUE SPACES.	VALUE 'PAGE '	000703
	05	RO-HEADING-3.			000704
		10 FILLER	PIC X(04)		000705
		10 FILLER	PIC X(03)		000706
			VALUE SPACES.	VALUE	000707
			'SSN'.		000708
		10 FILLER	PIC X(10)		000709
		10 FILLER	PIC X(09)		000710
			VALUE SPACES.	VALUE	000711
			'LAST NAME'.		000712
		10 FILLER	PIC X(08)		000713
		10 FILLER	PIC X(10)		000714
			VALUE SPACES.	VALUE	000715
			'FIRST NAME'.		000716
		10 FILLER	PIC X(02)		000717
		10 FILLER	PIC X(02)		000718
			VALUE SPACES.	VALUE	000719
			'MI'.		000720
		10 FILLER	PIC X(04)		000721
			VALUE SPACES.	VALUE	000722
	05	RO-HEADING-4.			000723
		10 FILLER	PIC X(07)		000724
		10 FILLER	PIC X(05)		000725
			VALUE SPACES.	VALUE	000726
			'PHONE'.		000727
		10 FILLER	PIC X(06)		000728
		10 FILLER	PIC X(03)		000729
			VALUE SPACES.	VALUE	000730
			'CRP'.		000731
		10 FILLER	PIC X(13)		000732
		10 FILLER	PIC X(08)		000733
			VALUE SPACES.	VALUE	000734
			'MERCHANT'.		000735
		10 FILLER	PIC X(16)		000736
		10 FILLER	PIC X(14)		000737
			VALUE SPACES.	VALUE	000738
			'ACCOUNT NUMBER'.		000739
		10 FILLER	PIC X(12)		000740
		10 FILLER	PIC X(06)		000741
			VALUE SPACES.	VALUE	000742
			'AMOUNT'.		000743
		10 FILLER	PIC X(06)		000744
		10 FILLER	PIC X(08)		000745
			VALUE SPACES.	VALUE	000746
			'PAY DATE'.		000747
		10 FILLER	PIC X(03)		000748
		10 FILLER	PIC X(13)		000749
			VALUE SPACES.	VALUE	000750
			'EXTRA PAYMENT'.		000751
		10 FILLER	PIC X(03)		000752
		10 FILLER	PIC X(06)		000753
			VALUE SPACES.	VALUE	000754
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LISTING OF MODULE PDB00010

'METHOD'.

10 FILLER

PIC X(05)

VALUE SPACES.

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01 WS-DETAILS-FOR-ROLLOVER.

05 RO-DETAIL-1.

10 RO-SSN

10 FILLER

10 RO-LAST-NAME

10 FILLER

10 RO-FIRST-NAME

10 FILLER

10 RO-MI

10 FILLER

PIC X(11).

PIC X(02).

PIC X(20).

PIC X(01).

PIC X(10).

PIC X(02).

PIC X(01).

PIC X(05).

VALUE SPACES.

VALUE SPACES.

VALUE SPACES.

VALUE SPACES.

05 RO-DETAIL-2.

10 FILLER

10 RO-PHONE-NUMBER

10 FILLER

10 RO-CRP

10 FILLER

10 RO-MERCHANT

10 FILLER

10 RO-ACCOUNT-NUMBER

10 FILLER

10 RO-AMOUNT

10 FILLER

10 RO-PAY-DATE

10 FILLER

10 RO-EXTRA-PAYMENT

10 FILLER

10 RO-METHOD

10 FILLER

PIC X(04).

PIC X(12).

PIC X(02).

PIC 999.

PIC X(03).

PIC X(20).

PIC X(02).

PIC X(25).

PIC X(02).

PIC Z,ZZZ,ZZZ.99.

PIC X(03).

PIC X(00).

PIC X(05).

PIC X(00).

PIC X(00).

PIC X.

PIC X(03).

VALUE SPACES.

VALUE SPACES.

VALUE SPACES.

VALUE SPACES.

VALUE SPACES.

VALUE SPACES.

VALUE SPACES.

VALUE SPACES.

VALUE SPACES.

VALUE SPACES.

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01 WS-TOTALS-FOR-ROLLOVER.

05 TOT-ROL-DETAIL.

10 FILLER

10 FILLER

PIC X(33)

PIC X(10)

PIC X(10)

PIC X(10)

PIC X(10)

PIC X(10)

PIC X(10)

PIC X(10)

PIC X(10)

PIC X(10)

PIC X(10)

PIC X(10)

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PIC X(10)

PIC X(10)

PIC X(10)

PIC X(10)

PIC X(10)

PIC X(10)

PIC X(10)

PIC X(10)

VALUE SPACES.

VALUE SPACES.

VALUE SPACES.

VALUE SPACES.

VALUE SPACES.

VALUE SPACES.

VALUE SPACES.

VALUE SPACES.

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VALUE SPACES.

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VALUE SPACES.

VALUE SPACES.

VALUE SPACES.

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LISTING OF MODULE PDB00010

05	ERR-DETAIL-2.			000896
10	FILLER		VALUE SPACES.	000897
10	ERR-PHONE-NUMBER	PIC X(04)		000898
10	FILLER	PIC X(12).		000899
10	FILLER	PIC X(01)	VALUE SPACES.	000900
10	ERR-CRP	PIC 999.		000901
10	FILLER	PIC X(02)	VALUE SPACES.	000902
10	ENR-MERCHANT	PIC X(24).		000903
10	FILLER	PIC X(02)	VALUE SPACES.	000904
10	ERR-ACCOUNT-NUMBER	PIC X(25).		000905
10	FILLER	PIC X(02)	VALUE SPACES.	000906
10	ERR-PAYMENT-TYPE-1	PIC X(01).		000907
10	ERR-PAYMENT-TYPE-2	PIC X(01).	VALUE SPACES.	000908
10	FILLER	PIC X(02)		000909
10	ERR-AMOUNT	PIC Z,ZZZ,ZZZ.99.		000910
10	FILLER	PIC X(02)	VALUE SPACES.	000911
10	ERR-PAY-DATE	PIC X(08).		000912
10	FILLER	PIC X(02)	VALUE SPACES.	000913
10	ERR-MESSAGE-2	PIC X(29).		000914
10	FILLER	PIC X(01)	VALUE SPACES.	000915
05	ERR-DETAIL-3.			000916
10	FILLER		VALUE SPACES.	000917
10	ERR-STATUS-DESC	PIC X(15)		000918
10	FILLER	PIC X(25)	VALUE SPACES.	000919
10	ERR-STATUS-CNT	PIC X(01)	VALUE SPACES.	000920
10	FILLER	PIC ZZZZZ.		000921
01	WS-MESSAGE-STATUS.			000922
10	WS-ERR-MESSAGE-STATUS	PIC X(20).		000923
10	FILLER	PIC X(01)	VALUE	000924
10	WS-ERR-STATUS	PIC X(01).		000925
10	FILLER	PIC X(01)	VALUE	000926
10	FILLER	PIC X(08)	VALUE SPACES.	000927
01	WS-MESSAGE-LINES.			000928
05	WS-ERR-MESSAGE-LINE.			000929
10	FILLER	PIC X(103)	VALUE SPACES.	000930
10	WS-ERR-MESSAGE	PIC X(29).		000931
01	TOTALS-FOR-ERROR-REPORT.			000932
05	TOT-ERR-DETAIL.			000933
10	FILLER	PIC X(04)	VALUE SPACES.	000934
10	FILLER	PIC X(131)	VALUE	000935
10	FILLER	'TOTAL CONSUMER ITEMS IN ERROR: '		000936
10	TOT-ERR-ITEMS	PIC Z,ZZ9.		000937
10	FILLER	PIC X(04)	VALUE SPACES.	000938
10	FILLER	PIC X(133)	VALUE	000939
10	FILLER	'TOTAL CONSUMER DOLLARS IN ERROR: '		000940
10	TOT-ERR-DOLLARS	PIC \$\$\$,000,000.99.		000941
10	FILLER	PIC X(41)	VALUE SPACES.	000942
				000943
				000944
				000945
				000946

01 WS-HEADINGS-FOR-SUMMARY-REPT.

05	SUM-HEADING-1.					000947
10	FILLER	'PDB00010.22'	PIC X(11)	VALUE		000948
10	FILLER		PIC X(33)	VALUE SPACES.		000949
10	FILLER		PIC X(43)	VALUE		000950
10	FILLER	CHECKFREE CORPORATION -	PIC X(120)	CONSUMER SERVICES '		000951
10	FILLER		PIC X(19)	VALUE SPACES.		000952
10	FILLER		PIC X(10)	VALUE		000953
10	SUM-RUN-DATE		PIC X(10)			000954
05	SUM-HEADING-2.					000955
10	FILLER		PIC X(155)	VALUE SPACES.		000956
10	FILLER		PIC X(121)	VALUE		000957
10	FILLER	TRANSFREE INPUT REPORT.	PIC X(46)	VALUE SPACES.		000958
10	FILLER		PIC X(105)	VALUE		000959
10	SUM-PAGE-NUMBER		PIC Z,ZZ9.			000960
05	SUM-HEADING-3.					000961
10	FILLER		PIC X(150)	VALUE SPACES.		000962
10	FILLER		PIC X(121)	VALUE		000963
10	FILLER	FOR COLLECTION DATE: '	PIC X(100)			000964
10	FILLER		PIC X(153)	VALUE SPACES.		000965
10	FILLER		PIC X(121)	VALUE		000966
10	FILLER		PIC X(127)	VALUE SPACES.		000967
10	FILLER	CONSUMER PAYMENTS PROCESSED.	PIC X(120)	VALUE		000968
10	FILLER		PIC X(130)	VALUE		000969
10	FILLER	MERCHANT REMITTANCES PROCESSED.	PIC X(121)	VALUE SPACES.		000970
05	SUM-DETAIL.					000971
10	FILLER		PIC X(14)	VALUE SPACES.		000972
10	FILLER		PIC X(05)	VALUE SPACES.		000973
10	FILLER		PIC X(01)	VALUE SPACES.		000974
10	FILLER		PIC X(11)	VALUE SPACES.		000975
10	FILLER		PIC X(01)	VALUE SPACES.		000976
10	FILLER		PIC X(02)	VALUE SPACES.		000977
10	FILLER		PIC X(03)	VALUE SPACES.		000978
10	FILLER		PIC X(02)	VALUE SPACES.		000979
10	FILLER		PIC X(02)	VALUE SPACES.		000980
10	FILLER		PIC X(02)	VALUE SPACES.		000981
10	FILLER		PIC X(02)	VALUE SPACES.		000982
10	FILLER		PIC X(02)	VALUE SPACES.		000983
10	FILLER		PIC X(02)	VALUE SPACES.		000984
10	FILLER		PIC X(02)	VALUE SPACES.		000985
10	FILLER		PIC X(02)	VALUE SPACES.		000986
10	FILLER		PIC X(02)	VALUE SPACES.		000987
10	FILLER		PIC X(02)	VALUE SPACES.		000988
10	FILLER		PIC X(02)	VALUE SPACES.		000989
10	FILLER		PIC X(02)	VALUE SPACES.		000990
10	FILLER		PIC X(02)	VALUE SPACES.		000991
10	FILLER		PIC X(02)	VALUE SPACES.		000992
10	FILLER		PIC X(02)	VALUE SPACES.		000993
10	FILLER		PIC X(02)	VALUE SPACES.		000994
10	FILLER		PIC X(02)	VALUE SPACES.		000995
10	FILLER		PIC X(02)	VALUE SPACES.		000996
10	FILLER		PIC X(02)	VALUE SPACES.		000997

GO TO ERRCHK

END-IF.

IF PC-LAST-COMMIT-KEY NOT = SPACE
 DISPLAY 'RESTARTING PROGRAM ' WS-PROGRAM-NAME
 MOVE PC-LAST-COMMIT-KEY TO WS-LAST-KEY
 MOVE 'Y' TO PC-RESTART-MODE
 END-IF.

OPEN INPUT DATE-FILE.
 OPEN INPUT CARDIN.

PERFORM A050-INITIALIZE THRU A050-INITIALIZE-EXIT.

CLOSE DATE-FILE.

*
 * DELCLARE CURSORS HERE.
 *

MOVE 'DECLARE CURSOR T010' TO STEP-DENOTER.

EXEC SQL DECLARE T010 CURSOR FOR

SELECT
 MS_SETTLE_CODE,
 MS_STATUS,
 MS_SETTLE_METH_IND
 FROM T010_MRCH_SETTLE
 WHERE
 MS_SETTLE_METH_IND = 'M'
 AND MS_STATUS = 'A'
 ORDER BY MS_SETTLE_CODE
 END-EXEC.

MOVE 'DECLARE CURSOR T002' TO STEP-DENOTER.

EXEC SQL DECLARE T002 CURSOR

FOR SELECT
 CP_SSN,
 CP_CHKX_PHONE,
 CP_CHKX_CR_PHONE,
 CP_MRCH_PHONE,
 CP_MRCH_CR_PHONE,
 CP_MRCH_NAME,
 CP_MRCH_AMT,
 CP_MRCH_PAY_DATE,
 CP_PAY_TYPE,
 CP_NBR_REMAIN,
 CP_STATUS,
 CP_ACCT_NBR,
 CP_PAY_FREQ,
 CP_CNG_DATE,
 CP_CNG_AMT,

001049 03/13/91
 001050 03/13/91
 001051 03/13/91
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001061 05/25/91
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001082 05/25/91
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 001095 05/25/91
 001096 05/25/91
 001097 05/25/91
 001098 05/25/91
 001099 05/25/91

CP_LAST_TRANS_DATE,	001100
CP_PRENOTE_DATE,	001101
CP_PRENOTE_RESET,	001102
CP_ACCT_SCHEME,	001103
CP_CAT_NBR,	001104
CP_PNEUMONIC	001105
FROM T002 CONSUMER_PAY	001106
WHERE CP_SSN > !SQL-PREV-SSN	001107
AND CP_MRCH_PAY_DATE <= !SQL-DRAFT-DATE	001108
AND CP_MRCH_PAY_DATE <> 0	001109
AND CP_MRCH_AMT <> 0	001110
AND CP_STATUS IN ('A', 'P')	001111
ORDER BY CP_SSN, CP_CHKCK_PHONE	001112
END-EXEC.	001113
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```

CP_LAST_TRANS_DATE,
CP_PRENOTE_DATE,
CP_PRENOTE_RESET,
CP_ACCT_SCHEME,
CP_CAT_NBR,
CP_PNEUMONIC
FROM T002 CONSUMER_PAY
WHERE CP_SSN > !SQL-PREV-SSN
AND CP_MRCH_PAY_DATE <= !SQL-DRAFT-DATE
AND CP_MRCH_PAY_DATE <> 0
AND CP_MRCH_AMT <> 0
AND CP_STATUS IN ('A', 'P')
ORDER BY CP_SSN, CP_CHKCK_PHONE
END-EXEC.

OPEN INPUT MERCHANT-FILE.
IF MMR-STAT = '00' OR '97'
NEXT SENTENCE
ELSE
  DISPLAY 'MESSAGE FROM ' SQL-PCN ' ;
  DISPLAY 'BAD OPEN ON MASTER MERCHANT ' ;
  DISPLAY 'FILE.
  DISPLAY 'STATUS CODE IS: ' MMR-STAT
  DISPLAY 'PROGRAM HALTED. STOP JOB
  DISPLAY 'STREAM AND CORRECT PROBLEM.
  DISPLAY '
  DISPLAY 'MESSAGE FROM ' SQL-PCN ' ;
  DISPLAY 'BAD OPEN ON MASTER MERCHANT '
  DISPLAY 'FILE.
  DISPLAY 'STATUS CODE IS: ' MMR-STAT
  DISPLAY 'PROGRAM HALTED. STOP JOB
  DISPLAY 'STREAM AND CORRECT PROBLEM.
  DISPLAY '
  GO TO ENRCHK.

EXEC SQL OPEN T010 END-EXEC.

PERFORM A079-READ-STLCODE
THRU A079-READ-STLCODE-EXIT.
PERFORM A075-LOAD-STLCODE-TBL
THRU A075-LOAD-STLCODE-TBL-EXIT
UNTIL ALL-STLCODE-PROCESSED.
MOVE 'CLOSE CURSOR T010' TO STEP-DENOTER.
EXEC SQL CLOSE T010 END-EXEC.

IF PC-RESTART-MODE = 'Y'
  MOVE WS-LAST-KEY TO WS-TOTALS
  PERFORM 9100-LOAD-PAY-TBL THRU 9100-EXIT
  MOVE WS-PREVIOUS-SSN TO SQL-PREV-SSN
  DISPLAY 'LOAD WS-TOTALS ' WS-TOTALS
  END-IF.

```

```
MOVE 'OPEN CURSOR T002' TO STEP-DENOTER.
EXEC SQL OPEN T002 END-EXEC.
OPEN OUTPUT TRNTHOLD-FILE
```

**PAY-TABLE-OUTPUT
DRFTITEM-FILE
ROLLOVER-REPORT
ERROR-REPORT
SUMMARY-REPORT.**

**PERFORM A100-MAIN THRU
A100-MAIN-EXIT.**

```
MOVE 'CLOSE CURSOR T002' TO STEP-DENOTER.
EXEC SQL CLOSE T002 END-EXEC.
```

IF WS-TOTAL-ERROR-LINES > 40
PERFORM D100-ERROR-HEADINGS
THRU D100-ERROR-HEADINGS-EXIT.

```

MOVE 'TOTAL OF SSN BY STATUS A ' TO ERR-STATUS-DESC.
MOVE WS-STATUS-A-CNT      TO ERR-STATUS-CNT.
MOVE ERR-DETAIL-3        TO ERROR-REPORT-LINE.
WRITE ERROR-REPORT-LINE.

```

```

MOVE 'TOTAL OF SSN BY STATUS I ' TO ENR-STATUS-DESC.
MOVE WS-STATUS-1-CNT TO ENR-STATUS-CNT.
MOVE ENR-DETAIL-3 TO ENR-REPORT-LINE.
WRITE ENR-REPORT-LINE.

```

```

MOVE 'TOTAL OF SSN BY STATUS F ' TO ENR-STATUS-DESC.
MOVE WS-STATUS-F-CNT TO ENR-STATUS-CNT.
MOVE ENR-DETAIL-3 TO ENR-REPORT-LINE.
WRITE ENR-REPORT-LINE.

```

```

MOVE 'TOTAL OF SSN BY STATUS D ' TO ENR-STATUS-DESC.
MOVE WS-STATUS-D-CNT TO ENR-STATUS-CNT.
MOVE ENR-DETAIL-3 TO ENR-REPORT-LINE.
WRITE ENR-REPORT-LINE.

```

```

MOVE 'TOTAL OF SSM BY STATUS P ' TO ERR-STATUS-DESC.
MOVE WS-STATUS-P-CMT TO ERR-STATUS-CMT.
MOVE ERR-DETAIL-3 TO ERROR-REPORT-LINE.
WRITE ERROR-REPORT-LINE.

```

```

MOVE 'TOTAL OF SSM BY STATUS C ' TO ERR-STATUS-DESC.
MOVE WS-STATUS-C-CNT          TO ERR-STATUS-CNT.
MOVE ERR-DETAIL-3             TO ERROR-REPORT-LINE.
WRITE ERROR-REPORT-LINE.

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001151	03/13/91
001152	03/13/91
001153	03/13/91
001154	01/02/91
001155	03/13/91
001156	01/02/91

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LISTING OF MODULE PBB0010

```

COMPUTE WS-STATUS-TOT-CNT = WS-STATUS-A-CNT +
WS-STATUS-I-CNT +
WS-STATUS-F-CNT +
WS-STATUS-D-CNT +
WS-STATUS-P-CNT +
WS-STATUS-C-CNT.

```

```

MOVE SPACES          TO ERROR-REPORT-LINE.
WRITE ERROR-REPORT-LINE.

```

```

MOVE 'TOTAL CONSUMERS IN ERROR ' TO ERR-STATUS-DESC.
MOVE WS-STATUS-TOT-CNT          TO ERR-STATUS-CNT.
MOVE ERR-DETAIL-3              TO ERROR-REPORT-LINE.
WRITE ERROR-REPORT-LINE.
CLOSE MERCHANT-FILE,
TRANSHOLD-FILE,
DRFT1TEN-FILE,
ROLLOVER-REPORT,
ERROR-REPORT,
SUMMARY-REPORT,
CARDIN.

```

```

MOVE SPACE TO PC-LAST-COMMIT-KEY
PERFORM 9000-COMMIT-WORK THRU
9000-EXIT
STOP RUN.

```

```

A000-MAINLINE-EXIT.
EXIT.

```

```

A050-INITIALIZE.
ACCEPT WS-CURRENT-DATE FROM DATE.
MOVE CD-YR TO WS-TRANS-YEAR.
MOVE CD-MONTH TO WS-TRANS-MONTH.
MOVE CD-DAY TO WS-TRANS-DAY.
ACCEPT WS-TIME FROM TIME.
MOVE WS-HH TO WS-HOUR.
MOVE WS-MM TO WS-MIN.

MOVE WS-COMP-KEY TO COMP-CIL-KEY.
READ DATE-FILE INTO WS-DATE-RECORD.
IF COMP-STATUS = '00'
NEXT SENTENCE
ELSE
DISPLAY 'MESSAGE FROM ' SQL-PCN ' '
DISPLAY 'BAD READ ON ACOMP DATE FILE.'
DISPLAY 'STATUS CODE IS: ' COMP-STATUS
DISPLAY 'PROGRAM HALTED. STOP JOB '

```

001202	04/14/91
001203	04/14/91
001204	04/14/91
001205	04/14/91
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001207	04/14/91
001208	04/14/91
001209	04/14/91
001210	04/14/91
001211	04/14/91
001212	04/14/91
001213	04/14/91
001214	04/14/91
001215	04/14/91
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001224	03/13/91
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001228	03/13/91
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001236	01/02/91
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001240	01/02/91
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LISTING OF MODULE PDB00010

```

DISPLAY 'STREAM AND CORRECT PROBLEM.
DISPLAY
DISPLAY 'MESSAGE FROM ' SQL-PGM ':
DISPLAY 'BAD READ ON ACOMP DATE FILE.'
DISPLAY 'STATUS CODE IS: ' COMP-STATUS
DISPLAY 'PROGRAM HALTED. STOP JOB
DISPLAY 'STREAM AND CORRECT PROBLEM.
DISPLAY
CLOSE DATE-FILE
GO TO ERRCHK.

```

```

MOVE AECO-CTL-TOD-PMT-DT TO DRAFT-DATE.
***** CONVERT DRAFT-DATE TO DRAFT-DATE-PLUS-DEF
MOVE DRAFT-DATE TO DATE-MODYYYY.
PERFORM GREGORIAN-TO-JULIAN THRU
      GREGORIAN-TO-JULIAN-EXIT.
MOVE 'D' TO DATE-PERIOD.

```

IF MORE-CARDIN

```

READ CARDIN INTO WS-HOLD-DRAFT AT END
MOVE 'N' TO WS-CARDIN-SM.

```

IF DRAFT-EXTENSION NOT NUMERIC

```

DISPLAY 'MESSAGE FROM ' SQL-PGM ':
DISPLAY 'PROGRAM HALTED. DRAFT EXTENSION
DISPLAY 'VALUE SET IN JCL IS NON-NUMERIC.
DISPLAY 'STOP JOB STREAM AND CORRECT THIS
DISPLAY 'PROBLEM.
DISPLAY
DISPLAY 'MESSAGE FROM ' SQL-PGM ':
DISPLAY 'PROGRAM HALTED. DRAFT EXTENSION
DISPLAY 'VALUE SET IN JCL IS NON-NUMERIC.
DISPLAY 'STOP JOB STREAM AND CORRECT THIS
DISPLAY 'PROBLEM.
GO TO ERRCHK.

```

IF DRAFT-EXTENSION-99 > 99

```

DISPLAY 'MESSAGE FROM ' SQL-PGM ':
DISPLAY 'PROGRAM HALTED. DRAFT EXTENSION
DISPLAY 'VALUE SET IN JCL IS TOO BIG.
DISPLAY 'STOP JOB STREAM AND CORRECT THIS
DISPLAY 'PROBLEM.
DISPLAY
DISPLAY 'MESSAGE FROM ' SQL-PGM ':
DISPLAY 'PROGRAM HALTED. DRAFT EXTENSION
DISPLAY 'VALUE SET IN JCL IS TOO BIG.
DISPLAY 'STOP JOB STREAM AND CORRECT THIS
DISPLAY 'PROBLEM.
GO TO ERRCHK.

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IF MORE-CARDIN
  READ CARDIN INTO WS-HOLD-ACH AT END
  MOVE 'N' TO WS-CARDIN-SW
ELSE
  MOVE SPACES TO WS-HOLD-ACH.
  IF DAY-NIGHT-ACH NOT = 'D'
    AND
    DAY-NIGHT-ACH NOT = 'E'
    DISPLAY 'MESSAGE FROM ' SQL-PCN ' ;
    DISPLAY 'PROGRAM HALTED. ACH MODIFIER SET '
    DISPLAY 'IN JCL MUST BE EITHER B OR E.
    DISPLAY 'STOP JOB STREAM AND CORRECT THIS
    DISPLAY 'PROBLEM.
    DISPLAY
    DISPLAY 'MESSAGE FROM ' SQL-PCN ' ;
    DISPLAY 'PROGRAM HALTED. ACH MODIFIER SET '
    DISPLAY 'IN JCL MUST BE EITHER B OR E.
    DISPLAY 'STOP JOB STREAM AND CORRECT THIS
    DISPLAY 'PROBLEM.
    DISPLAY
    GO TO ERRCMK.

MOVE DRAFT-EXTENSION-99 TO DATE-FREQ.
PERFORM FUTURE-DATE THRU
  FUTURE-DATE-EXIT.
PERFORM JULIAN-TO-GREGORIAN THRU
  JULIAN-TO-GREGORIAN-EXIT.
MOVE DATE-MM TO DATE-M.
MOVE DATE-DD TO DATE-D.
MOVE DATE-YY TO WS-YEAR-WORK.
MOVE WS-YY-LAST2 TO DATE-Y.
MOVE DATE-MDY TO DRAFT-DATE-PLUS-DEF

***** MOVE DRAFT-DATE-PLUS-DEF TO OUTPUT REPORT DATES.
MOVE DRAFT-DATE-PLUS-DEF TO WS-DATE-MDY.
MOVE WS-M-MDY TO WS-M-MDY-SLASHES
MOVE WS-D-MDY TO WS-D-MDY-SLASHES
MOVE WS-Y-MDY TO WS-Y-MDY-SLASHES
MOVE WS-DATE-MDY-WITH-SLASHES TO RO-DRAFT-REPORT-DATE,
  ERR-DRAFT-DATE.

***** CONVERT DRAFT-DATE TO YMMDD FORMAT FOR COMPARE ON T002.
MOVE DRAFT-DATE-PLUS-DEF TO WS-DATE-MDY.
MOVE WS-Y-MDY TO WS-Y-YMD
MOVE WS-M-MDY TO WS-M-YMD
MOVE WS-D-MDY TO WS-D-YMD
MOVE WS-DATE-YMD TO WS-77-DATE
MOVE WS-77-DATE TO SQL-DRAFT-DATE

***** MOVE TODAY'S PROCESSING DATE TO OUTPUT RUN DATE.
MOVE AECO-CTL-10D-PRO-DI TO WS-77-DATE-7DIGITS.

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```

MOVE WS-77-DATE-7DIGITS TO WS-SQL-DATE.
MOVE WS-SQL-DATE-YMD TO WS-DATE-MDY.
MOVE WS-Y-MDY TO WS-Y-MDY-SLASHES
MOVE WS-M-MDY TO WS-M-MDY-SLASHES
MOVE WS-D-MDY TO WS-D-MDY-SLASHES
MOVE WS-DATE-MDY-WITH-SLASHES TO RO-RUN-DATE,
ERR-RUN-DATE
SUM-RUN-DATE.

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MOVE WS-Y-MDY TO HOLD-Y-FFMDDYY
MOVE WS-M-MDY TO HOLD-M-FFMDDYY
MOVE WS-D-MDY TO HOLD-D-FFMDDYY
MOVE 00 TO HOLD-F-FFMDDYY
MOVE WS-HOLD-DATE-FFMDDYY TO DATE-MDDYYYY
PERFORM GREGORIAN-TO-JULIAN THRU
GREGORIAN-TO-JULIAN-EXIT

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MOVE DATE-YYYY TO WS-TRACE-YY.
MOVE DATE-DDD TO WS-TRACE-DDD.

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```

***** INITIALIZE THE DRAFTED ITEMS FILE.
MOVE ZEROES TO DRAFT-RECORD.
MOVE SPACES TO DRAFT-MRCH-DELETE,
DRAFT-MRCH-PNEMONIC,
DRAFT-PAY-TYPE,
DRAFT-PAY-STATUS,
DRAFT-MRCH-NAME,
DRAFT-CHECK-DIGIT.

```

```

A050-INITIALIZE-EXIT.
EXIT.

```

```

A075-LOAD-STLCODE-TBL.
IF TRANFREE-TBL-ENTRIES EQUAL TRANFREE-MAX-ENTRIES
DISPLAY 'SETTLEMENT CODE TABLE OVERFLOW'
GO TO ERRCWK.

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```

ADD 1 TO TRANFREE-TBL-ENTRIES.
SET TFR-IDX TO TRANFREE-TBL-ENTRIES.
MOVE MS-SETTLE-CODE TO TFR-TBL-SC-CODE (TFR-IDX).
MOVE ZERO TO TFR-TBL-SC-ITEMS (TFR-IDX).
MOVE ZERO TO TFR-TBL-SC-DOLLARS (TFR-IDX).
PERFORM A079-READ-STLCODE
THRU A079-READ-STLCODE-EXIT.

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A075-LOAD-STLCODE-TBL-EXIT.
EXIT.

```

```

A079-READ-STLCODE.
MOVE 'FETCHING FROM T010' TO STEP-DEMONTER.
EXEC SQL FETCH T010
INTO

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:MS-SETTLE-CODE,
:MS-STATUS,
:MS-SETTLE-METH-IND

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001356	11/14/90
001357	11/14/90
001358	11/14/90
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001360	11/14/90
001361	03/13/91
001362	05/25/91
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001399	05/25/91
001400	05/25/91
001401	05/25/91
001402	05/25/91
001403	05/25/91
001404	05/25/91
001405	05/25/91

END-EXEC.
IF SQLCODE EQUAL 100
MOVE 'Y' TO ALL-STLCODE-PROCESSED-SW.
A079-READ-STLCODE-EXIT.
EXIT.

M THE FOLLOWING MODULE IS THE MAIN INTERNAL DRIVER FOR THIS M
M PROGRAM. M

A100-MAIN.
PERFORM UNTIL EOF
MOVE ZERO TO WS-COMMIT-COUNTER
PERFORM A125-T002-CONS-PAY-FETCH
THRU A125-T002-CONS-PAY-FETCH-EXIT
UNTIL EOF

END-PERFORM.

IF WS-TOTAL-ROLLOVER-LINES > 0
AND NOT = 999
PERFORM C400-TOTAL-BREAK
THRU C400-TOTAL-BREAK-EXIT.
IF WS-TOTAL-ERROR-LINES > 0
AND NOT = 999

PERFORM D400-TOTAL-BREAK
THRU D400-TOTAL-BREAK-EXIT.
PERFORM I100-CREDIT-OFFSETS
THRU I100-CREDIT-OFFSETS-EXIT.
PERFORM J200-WRITE-GRAND-SUMMARY
THRU J200-WRITE-GRAND-SUMMARY-EXIT.

THE FOLLOWING WILL CREATE A GRAND TOTAL LINE ON THE DETAIL
DRAFT REPORT.

MOVE TFR-RMT-TOT-ITEMS TO GMD-TOT-ROL-ITEMS.
MOVE TFR-RMT-TOT-DOLLARS TO GMD-TOT-ROL-DOLLARS.
MOVE SPACES TO ROLLOVER-REPORT-LINE.
MOVE GMD-TOT-ROL-DETAIL TO ROLLOVER-REPORT-LINE.
MOVE '0' TO CC-LINE
MOVE 2 TO ADVANCE-AMOUNT.
PERFORM C900-WRITE-ROLL-LINE
THRU C900-WRITE-ROLL-LINE-EXIT.

THE FOLLOWING WILL CREATE A GRAND TOTAL ERROR LINE ON THE
DETAIL DRAFT REPORT.

MOVE WS-GMD-TOT-ERR-ITEMS TO GMD-TOT-ERR-ITEMS.
MOVE WS-GMD-TOT-ERR-DOLLARS TO GMD-TOT-ERR-DOLLARS.
MOVE SPACES TO ROLLOVER-REPORT-LINE.

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LISTING OF MODULE PDB00010

MOVE END-TOT-ERR-DETAIL TO ROLLOVER-REPORT-LINE.

MOVE '0' TO CC-LINE

MOVE 2 TO ADVANCE-AMOUNT.

PERFORM C900-WRITE-ROLL-LINE

THRU C900-WRITE-ROLL-LINE-EXIT.

A100-MAIN-EXIT.

EXIT.

A125-T002-CONS-PAY-FETCH.

MOVE 'FETCH FROM T002 IN PARAGRAPH A125.

TO STEP-DENOTER.

EXEC SQL FETCH T002 INTO

:CP-SSN,

:CP-CHK-PHONE,

:CP-CHK-CR-PHONE,

:CP-MRCH-PHONE,

:CP-MRCH-CR-PHONE,

:CP-MRCH-NAME,

:CP-MRCH-AMT,

:CP-MRCH-PAY-DATE,

:CP-PAY-TYPE,

:CP-MBR-REMAIN,

:CP-STATUS,

:CP-ACCT-MBR,

:CP-PAY-FREQ,

:CP-CING-DATE,

:CP-CING-AMT,

:CP-LAST-TRANS-DATE,

:CP-PRENOTE-DATE,

:CP-PRENOTE-RESET,

:CP-ACCT-SCHEME,

:CP-CAT-MBR,

:CP-MNEMONIC

END-EXEC.

IF SQLCODE = 100

MOVE 'Y' TO INPUT-EOF-SW

GO TO A125-T002-CONS-PAY-FETCH-EXIT.

PERFORM B100-PROC-REC THRU B100-PROC-REC-EXIT.

ADD 1 TO WS-COMMIT-COUNTER.

A125-T002-CONS-PAY-FETCH-EXIT.

EXIT.

 * THE FOLLOWING MODULE IS THE MAIN INTERNAL DRIVER FOR THIS *
 * PROGRAM. *

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LISTING OF MODULE PBB00010

B100-PROC-REC.

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MOVE 'N' TO IS-RECORD-IN-ERROR.
IF WS-PREVIOUS-SSN NOT = CP-SSN
  IF WS-COMMIT-COUNTER >= PC-COMMIT-INTERVAL
    MOVE 'Y' TO PC-RESTART-MODE
    MOVE WS-LAST-COMMIT-COUNT TO TFR-PAY-TBL-COMMIT
    ADD WS-COMMIT-COUNTER TO WS-LAST-COMMIT-COUNT
    MOVE WS-TOTALS TO PC-LAST-COMMIT-KEY
    PERFORM 9000-COMMIT-WORK THRU
      9000-EXIT
    MOVE ZERO TO WS-COMMIT-COUNTER
    GO TO B100-PROC-REC-EXIT
  END-IF
MOVE 'N' TO IS-CONSUMER-IN-ERROR
MOVE CP-SSN TO WS-PREVIOUS-SSN
PERFORM E100-GET-CONSUMER-INFO
  THRU E100-GET-CONSUMER-INFO-EXIT.

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PERFORM E200-GET-MERCHANT-INFO
  THRU E200-GET-MERCHANT-INFO-EXIT.
PERFORM E300-CHECK-PRENOTE
  THRU E300-CHECK-PRENOTE-EXIT.

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IF RECORD-IN-ERROR
  OR
  CONSUMER-IN-ERROR
  GO TO B100-PROC-REC-EXIT.

```

```

PERFORM F100-ROLLOVER-ROUTINE
  THRU F100-ROLLOVER-ROUTINE-EXIT.
PERFORM G100-TRANHOLD-RECORD
  THRU G100-TRANHOLD-RECORD-EXIT.

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```

IF PAY-BY-PHONE
  PERFORM K100-DRFTIITEN-RECORD
    THRU K100-DRFTIITEN-RECORD-EXIT.

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PERFORM H100-UPDATE-TABLES
  THRU H100-UPDATE-TABLES-EXIT.

```

```

IF CONS-RO-DETAIL-NOT-WRITTEN
  PERFORM C200-CONSUMER-ROLL-LINE
    THRU C200-CONSUMER-ROLL-LINE-EXIT.
  PERFORM C300-MERCHANT-ROLL-LINE
    THRU C300-MERCHANT-ROLL-LINE-EXIT.

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```

B100-PROC-REC-EXIT.
EXIT.

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 * THE FOLLOWING MODULES PRODUCE THE ROLLOVER REPORT FOR THIS *
 * PROGRAM. *
 #####

C100-ROLL-HEADINGS.

```

MOVE 'N' TO ARE-CONS-RO-HEADINGS-WRITTEN.
MOVE 'N' TO ARE-MRCH-RO-HEADINGS-WRITTEN.
MOVE 'N' TO ARE-CONS-RO-DETAIL-WRITTEN.
MOVE 'N' TO ARE-MRCH-RO-DETAIL-WRITTEN.
MOVE ZEROS TO WS-TOTAL-ROLLOVER-LINES.
ADD 1 TO WS-ROLLOVER-PAGE-COUNT.
MOVE WS-ROLLOVER-PAGE-COUNT TO RO-PAGE-NUMBER.
MOVE SPACES TO ROLLOVER-REPORT-LINE.
MOVE RO-HEADING-1 TO ROLLOVER-REPORT-LINE.
PERFORM C800-WRITE-ROLL-PAGE
  THRU C800-WRITE-ROLL-PAGE-EXIT.
MOVE SPACES TO ROLLOVER-REPORT-LINE.
MOVE ' ' TO CC-LINE
MOVE 1 TO ADVANCE-AMOUNT.
MOVE RO-HEADING-2 TO ROLLOVER-REPORT-LINE.
PERFORM C900-WRITE-ROLL-LINE
  THRU C900-WRITE-ROLL-LINE-EXIT.
C100-ROLL-HEADINGS-EXIT.
EXIT.
  
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C200-CONSUMER-ROLL-LINE.

```

IF FIRST-ROLL-RECORD
  MOVE 'N' TO IS-FIRST-ROLL-RECORD
  PERFORM C100-ROLL-HEADINGS
    THRU C100-ROLL-HEADINGS
  ELSE
    IF WS-TOTAL-ROLLOVER-LINES > 45
      AND
      CP-SSN NOT = WS-PREVIOUS-ROLL-SSN
      PERFORM C400-TOTAL-BREAK
        THRU C400-TOTAL-BREAK-EXIT
      PERFORM C100-ROLL-HEADINGS
        THRU C100-ROLL-HEADINGS-EXIT
    ELSE
      IF WS-TOTAL-ROLLOVER-LINES > 45
        AND
        CP-SSN = WS-PREVIOUS-ROLL-SSN
        PERFORM C100-ROLL-HEADINGS
          THRU C100-ROLL-HEADINGS-EXIT
      ELSE
        IF CP-SSN NOT = WS-PREVIOUS-ROLL-SSN
          PERFORM C400-TOTAL-BREAK
  
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LISTING OF MODULE P000010

THRU C400-TOTAL-BREAK-EXIT.

MOVE CP-SSN TO WS-PREVIOUS-ROLL-SSN.
IF CONS-RO-HEADING-NOT-WRITTEN
PERFORM C210-CONSUMER-HEADINGS
THRU C210-CONSUMER-HEADINGS-EXIT.
PERFORM C220-CONSUMER-DETAIL
THRU C220-CONSUMER-DETAIL-EXIT.
C200-CONSUMER-ROLL-LINE-EXIT.
EXIT.

C210-CONSUMER-HEADINGS.

MOVE 'Y' TO ARE-CONS-RO-HEADINGS-WRITTEN.
MOVE SPACES TO ROLLOVER-REPORT-LINE.
MOVE '-' TO CC-LINE
MOVE 3 TO ADVANCE-AMOUNT.
MOVE RO-HEADING-3 TO ROLLOVER-REPORT-LINE.
PERFORM C900-WRITE-ROLL-LINE
THRU C900-WRITE-ROLL-LINE-EXIT.
C210-CONSUMER-HEADINGS-EXIT.
EXIT.

C220-CONSUMER-DETAIL.

MOVE 'Y' TO ARE-CONS-RO-DETAIL-WRITTEN.

MOVE CP-SSN TO WS-77-SSN.
MOVE WS-77-SSN TO WS-SSN-IN.
MOVE WS-SSN-1ST3-IN TO WS-SSN-1ST3-OUT.
MOVE WS-SSN-2ND2-IN TO WS-SSN-2ND2-OUT.
MOVE WS-SSN-LAST4-IN TO WS-SSN-LAST4-OUT.
MOVE WS-SSN-OUT TO RO-SSN.
MOVE CF-LAST-NAME TO RO-LAST-NAME.
MOVE CF-FIRST-NAME TO RO-FIRST-NAME.
MOVE CF-MID-INIT TO RO-MI.

MOVE SPACES TO ROLLOVER-REPORT-LINE.

MOVE ' ' TO CC-LINE
MOVE 1 TO ADVANCE-AMOUNT.
MOVE RO-DETAIL-1 TO ROLLOVER-REPORT-LINE.
PERFORM C900-WRITE-ROLL-LINE
THRU C900-WRITE-ROLL-LINE-EXIT.
C220-CONSUMER-DETAIL-EXIT.
EXIT.

C300-MERCHANT-ROLL-LINE.

IF WS-TOTAL-ROLLOVER-LINES > 55
PERFORM C100-ROLL-HEADINGS
THRU C100-ROLL-HEADINGS-EXIT.

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IF CONS-RO-HEADINGS-NOT-WRITTEN
PERFORM C210-CONSUMER-HEADINGS
THRU C210-CONSUMER-HEADINGS-EXIT.
IF CONS-RO-DETAIL-NOT-WRITTEN
PERFORM C220-CONSUMER-DETAIL
THRU C220-CONSUMER-DETAIL-EXIT.
IF MRCH-RO-HEADINGS-NOT-WRITTEN
PERFORM C310-MERCHANT-HEADINGS-EXIT.
PERFORM C320-MERCHANT-DETAIL
THRU C320-MERCHANT-DETAIL-EXIT.
C300-MERCHANT-ROLL-LINE-EXIT.
EXIT.

C310-MERCHANT-HEADINGS.
MOVE 'Y' TO ARE-MRCH-RO-HEADINGS-WRITTEN.
MOVE SPACES TO ROLLOVER-REPORT-LINE.
MOVE '0' TO CC-LINE
MOVE 2 TO ADVANCE-AMOUNT.
MOVE RO-HEADINGS-4 TO ROLLOVER-REPORT-LINE.
PERFORM C900-WRITE-ROLL-LINE
THRU C900-WRITE-ROLL-LINE-EXIT.
C310-MERCHANT-HEADINGS-EXIT.
EXIT.

C320-MERCHANT-DETAIL.
MOVE CP-MRCH-PHONE TO WS-77-PHONE.
MOVE WS-77-PHONE TO WS-PHONE-NUMBER-IN
MOVE WS-AREA-CODE-IN TO WS-AREA-CODE-OUT
MOVE WS-PHONE-EXCHG-IN TO WS-PHONE-EXCHG-OUT
MOVE WS-PHONE-EXT-IN TO WS-PHONE-EXT-OUT
MOVE WS-PHONE-NUMBER-OUT TO RO-PHONE-NUMBER
MOVE CP-MRCH-CR-PHONE TO RO-CRP
MOVE CP-MRCH-NAME TO RO-MERCHANT
MOVE CP-ACCT-NBR TO RO-ACCOUNT-NUMBER
MOVE SPACES TO ROLLOVER-REPORT-LINE.
MOVE ' ' TO CC-LINE
MOVE 1 TO ADVANCE-AMOUNT.
MOVE RO-DETAIL-2 TO ROLLOVER-REPORT-LINE.
PERFORM C900-WRITE-ROLL-LINE
THRU C900-WRITE-ROLL-LINE-EXIT.
ADD WS-77-HOLD-PAY-AMOUNT TO WS-TOT-RO-DOLLARS.
ADD 1 TO WS-TOT-RO-ITEMS.
C320-MERCHANT-DETAIL-EXIT.
EXIT.

C400-TOTAL-BREAK.

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MOVE WS-TOT-RO-ITEMS TO TOT-ROL-ITEMS.
 MOVE WS-TOT-RO-DOLLARS TO TOT-ROL-DOLLARS.
 MOVE SPACES TO ROLLOVER-REPORT-LINE.
 MOVE '0' TO CC-LINE

MOVE 2 TO ADVANCE-AMOUNT.
 MOVE TOT-ROL-DETAIL TO ROLLOVER-REPORT-LINE.
 PERFORM C900-WRITE-ROLL-LINE
 THRU C900-WRITE-ROLL-LINE-EXIT.

MOVE SPACES TO ROLLOVER-REPORT-LINE.
 MOVE '0' TO CC-LINE
 MOVE 2 TO ADVANCE-AMOUNT.

PERFORM C900-WRITE-ROLL-LINE
 THRU C900-WRITE-ROLL-LINE-EXIT.

MOVE ZEROS TO WS-TOT-RO-ITEMS
 WS-TOT-RO-DOLLARS.
 C900-TOTAL-BREAK-EXIT.
 EXIT.

C000-WRITE-ROLL-PAGE.
 MOVE 0 TO WS-TOTAL-ROLLOVER-LINES.
 MOVE '1' TO CC-LINE.

MOVE ROLLOVER-REPORT-LINE TO JUNK-LINE.
 MOVE WS-LAST-COMMIT-COUNT TO JUNK-COMMIT-KEY.
 WRITE ROLLOVER-REPORT-LINE FROM WS-PRINT-LINE.
 ADD 1 TO WS-TOTAL-ROLLOVER-LINES.

C000-WRITE-ROLL-PAGE-EXIT.
 EXIT.

C900-WRITE-ROLL-LINE.
 MOVE ROLLOVER-REPORT-LINE TO JUNK-LINE.
 MOVE WS-LAST-COMMIT-COUNT TO JUNK-COMMIT-KEY.

WRITE ROLLOVER-REPORT-LINE FROM WS-PRINT-LINE.
 ADD ADVANCE-AMOUNT TO WS-TOTAL-ROLLOVER-LINES.
 C900-WRITE-ROLL-LINE-EXIT.
 EXIT.

 * THE FOLLOWING MODULES PRODUCE THE ERROR REPORT FOR THIS *
 * PROGRAM. *

D100-ERROR-HEADINGS.
 MOVE 'N' TO ARE-CONS-ERR-HEADINGS-WRITTEN.
 MOVE 'N' TO ARE-MRCH-ERR-HEADINGS-WRITTEN.
 MOVE 'N' TO ARE-CONS-ERR-DETAIL-WRITTEN.
 MOVE 'N' TO ARE-MRCH-ERR-DETAIL-WRITTEN.
 MOVE ZEROS TO WS-TOTAL-ERROR-LINES.

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 001761
 001762

03/13/91

03/13/91

03/13/91

03/13/91
 03/13/91
 03/13/91

03/13/91
 03/13/91
 03/13/91


```

ELSE
  IF WS-TOTAL-ERROR-LINES > 45
  AND
  CP-SSN = WS-PREVIOUS-ERROR-SSN
  PERFORM D100-ERROR-HEADINGS
  THRU D100-ERROR-HEADINGS-EXIT
ELSE
  IF CP-SSN NOT = WS-PREVIOUS-ERROR-SSN
  PERFORM D400-TOTAL-BREAK
  THRU D400-TOTAL-BREAK-EXIT.

  MOVE CP-SSN TO WS-PREVIOUS-ERROR-SSN.
  IF CONS-ERR-HEADING-NOT-WRITTEN
  PERFORM D210-CONSUMER-HEADINGS
  THRU D210-CONSUMER-HEADINGS-EXIT.
  IF CONS-ERR-DETAIL-NOT-WRITTEN
  PERFORM D220-CONSUMER-DETAIL
  THRU D220-CONSUMER-DETAIL-EXIT.

  MOVE SPACES TO ERROR-REPORT-LINE.
  MOVE ' ' TO CC-LINE.
  MOVE 1 TO ADVANCE-AMOUNT.
  MOVE WS-ERR-MESSAGE-LINE TO ERROR-REPORT-LINE.
  PERFORM D900-WRITE-ERROR-LINE
  THRU D900-WRITE-ERROR-LINE-EXIT.

  MOVE SPACES TO WS-ERR-MESSAGE.
  MOVE SPACE TO WS-ERR-STATUS.

D200-CONSUMER-ERROR-LINE-EXIT.
EXIT.

D210-CONSUMER-HEADINGS.
  MOVE 'Y' TO ARE-CONS-ERR-HEADINGS-WRITTEN.
  MOVE SPACES TO ERROR-REPORT-LINE.
  MOVE '-' TO CC-LINE
  MOVE 3 TO ADVANCE-AMOUNT.
  MOVE ERR-HEADING-3 TO ERROR-REPORT-LINE.
  PERFORM D900-WRITE-ERROR-LINE
  THRU D900-WRITE-ERROR-LINE-EXIT.
D210-CONSUMER-HEADINGS-EXIT.
EXIT.

D220-CONSUMER-DETAIL.
  MOVE 'Y' TO ARE-CONS-ERR-DETAIL-WRITTEN.

  MOVE CP-SSN TO WS-77-SSN.
  MOVE WS-77-SSN TO WS-SSN-IN.
  MOVE WS-SSN-1ST3-IN TO WS-SSN-1ST3-OUT.

```

```

001014
001015
001016
001017
001018
001019
001020
001021
001022
001023
001024
001025
001026
001027
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001029
001030
001031
001032
001033
001034
001035
001036
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001051
001052
001053
001054
001055
001056
001057
001058
001059
001060
001061
001062
001063
001064

```

```

04/14/91
04/14/91
04/14/91

```

```

03/13/91

```

```

04/14/91
04/14/91
04/14/91

```

```

MOVE WS-SSN-2ND2-IN TO WS-SSN-2ND2-OUT.
MOVE WS-SSN-LAST4-IN TO WS-SSN-LAST4-OUT.
MOVE WS-SSN-OUT TO ERR-SSN.
MOVE CF-LAST-NAME TO ERR-LAST-NAME.
MOVE CF-FIRST-NAME TO ERR-FIRST-NAME.
MOVE CF-MID-INIT TO ERR-MI.

```

```

MOVE WS-ERR-MESSAGE TO ERR-MESSAGE.

```

```

MOVE SPACES TO ERROR-REPORT-LINE.

```

```

MOVE ' ' TO CC-LINE

```

```

MOVE 1 TO ADVANCE-AMOUNT.

```

```

MOVE ERR-DETAIL-1 TO ERROR-REPORT-LINE.

```

```

PERFORM D900-WRITE-ERROR-LINE

```

```

THRU D900-WRITE-ERROR-LINE-EXIT.

```

```

D220-CONSUMER-DETAIL-EXIT.

```

```

EXIT.

```

```

D300-MERCHANT-ERROR-LINE.

```

```

IF FIRST-ERROR-RECORD

```

```

MOVE 'N' TO IS-FIRST-ERROR-RECORD

```

```

PERFORM D100-ERROR-HEADINGS

```

```

THRU D100-ERROR-HEADINGS

```

```

ELSE

```

```

IF WS-TOTAL-ERROR-LINES > 45

```

```

AND

```

```

CP-SSN NOT = WS-PREVIOUS-ERROR-SSN

```

```

AND

```

```

MRCH-ERR-DETAIL-NOT-WRITTEN

```

```

PERFORM D400-TOTAL-BREAK

```

```

THRU D400-TOTAL-BREAK-EXIT

```

```

PERFORM D100-ERROR-HEADINGS

```

```

THRU D100-ERROR-HEADINGS-EXIT

```

```

ELSE

```

```

IF WS-TOTAL-ERROR-LINES > 45

```

```

AND

```

```

CP-SSN = WS-PREVIOUS-ERROR-SSN

```

```

AND

```

```

MRCH-ERR-DETAIL-NOT-WRITTEN

```

```

PERFORM D100-ERROR-HEADINGS

```

```

THRU D100-ERROR-HEADINGS-EXIT

```

```

ELSE

```

```

IF CP-SSN NOT = WS-PREVIOUS-ERROR-SSN

```

```

PERFORM D400-TOTAL-BREAK

```

```

THRU D400-TOTAL-BREAK-EXIT.

```

```

MOVE CP-SSN TO WS-PREVIOUS-ERROR-SSN.

```

```

IF WS-TOTAL-ERROR-LINES > 55

```

```

PERFORM D100-ERROR-HEADINGS

```

```

THRU D100-ERROR-HEADINGS-EXIT.

```

```

IF COMS-ERR-HEADING-NOT-WRITTEN

```

001865 04/14/91

001866 04/14/91

001867 04/14/91

001868 04/14/91

001869 04/14/91

001870 04/14/91

001871 04/14/91

001872 04/14/91

001873 04/14/91

001874 04/14/91

001875 04/14/91

001876 04/14/91

001877 04/14/91

001878 04/14/91

001879 04/14/91

001880 04/14/91

001881 04/14/91

001882 04/14/91

001883 04/14/91

001884 04/14/91

001885 04/14/91

001886 04/14/91

001887 04/14/91

001888 04/14/91

001889 04/14/91

001890 04/14/91

001891 04/14/91

001892 04/14/91

001893 04/14/91

001894 04/14/91

001895 04/14/91

001896 04/14/91

001897 04/14/91

001898 04/14/91

001899 04/14/91

001900 04/14/91

001901 04/14/91

001902 04/14/91

001903 04/14/91

001904 04/14/91

001905 04/14/91

001906 04/14/91

001907 04/14/91

001908 04/14/91

001909 04/14/91

001910 04/14/91

001911 04/14/91

001912 04/14/91

001913 04/14/91

001914 04/14/91

001915 04/14/91

03/13/91

03/13/91

03/13/91

03/13/91

LISTING OF MODULE PDB00010

```

IF CP-PAY-TYPE = 'F' OR CP-PAY-TYPE = 'V'
  MOVE CP-PAY-TYPE TO ERR-PAYMENT-TYPE-1
  MOVE SPACES TO ERR-PAYMENT-TYPE-2
ELSE
  MOVE 'V' TO ERR-PAYMENT-TYPE-1
  MOVE CP-PAY-TYPE TO ERR-PAYMENT-TYPE-2.

MOVE CP-MRCH-PAY-DATE TO WS-77-DATE.
MOVE WS-77-DATE TO WS-DATE-YMD
MOVE WS-Y-YMD TO WS-Y-MDY-SLASHES
MOVE WS-M-YMD TO WS-M-MDY-SLASHES
MOVE WS-D-YMD TO WS-D-MDY-SLASHES
MOVE WS-DATE-MDY-WITH-SLASHES TO ERR-PAY-DATE.

MOVE SPACES TO ERROR-REPORT-LINE.
MOVE ' ' TO CC-LINE
MOVE 1 TO ADVANCE-AMOUNT.
MOVE ERR-DETAIL-2 TO ERROR-REPORT-LINE.
PERFORM D900-WRITE-ERROR-LINE
  THRU D900-WRITE-ERROR-LINE-EXIT.
ADD CP-MRCH-ANT TO WS-TOT-ERR-DOLLARS.
ADD 1 TO WS-TOT-ERR-ITEMS.
D320-MERCHANT-DETAIL-EXIT.
EXIT.

D400-TOTAL-BREAK.
ADD WS-TOT-ERR-DOLLARS TO WS-CMD-TOT-ERR-DOLLARS.
ADD WS-TOT-ERR-ITEMS TO WS-CMD-TOT-ERR-ITEMS.
MOVE WS-TOT-ERR-ITEMS TO TOT-ERR-ITEMS.
MOVE WS-TOT-ERR-DOLLARS TO TOT-ERR-DOLLARS.
MOVE SPACES TO ERROR-REPORT-LINE.
MOVE '0' TO CC-LINE
MOVE 2 TO ADVANCE-AMOUNT.
MOVE TOT-ERR-DETAIL TO ERROR-REPORT-LINE.
PERFORM D900-WRITE-ERROR-LINE
  THRU D900-WRITE-ERROR-LINE-EXIT.
MOVE SPACES TO ERROR-REPORT-LINE.
MOVE '0' TO CC-LINE
MOVE 2 TO ADVANCE-AMOUNT.
PERFORM D900-WRITE-ERROR-LINE
  THRU D900-WRITE-ERROR-LINE-EXIT.
MOVE ZEROS TO WS-TOT-ERR-ITEMS
  WS-TOT-ERR-DOLLARS.
D400-TOTAL-BREAK-EXIT.
EXIT.

D000-WRITE-ERROR-PAGE.
MOVE 0 TO WS-TOTAL-ERROR-LINES.
MOVE '1' TO CC-LINE.

```

001967	04/14/91
001968	04/14/91
001969	04/14/91
001970	04/14/91
001971	04/14/91
001972	04/14/91
001973	04/14/91
001974	04/14/91
001975	04/14/91
001976	
001977	
001978	
001979	
001980	
001981	
001982	03/13/91
001983	
001984	
001985	
001986	
001987	
001988	
001989	
001990	
001991	
001992	
001993	
001994	
001995	
001996	
001997	
001998	
001999	03/13/91
002000	
002001	
002002	
002003	
002004	
002005	03/13/91
002006	
002007	
002008	
002009	
002010	
002011	
002012	
002013	
002014	
002015	
002016	
002017	03/13/91

LISTING OF MODULE PDB00010

MOVE ERROR-REPORT-LINE TO JUNK-LINE.
 MOVE WS-LAST-COMMIT-COUNT TO JUNK-COMMIT-KEY.
 WRITE ERROR-REPORT-LINE FROM WS-PRINT-LINE
 ADD 1 TO WS-TOTAL-ERROR-LINES.
 D000-WRITE-ERROR-PAGE-EXIT.
 EXIT.

D900-WRITE-ERROR-LINE.
 MOVE ERROR-REPORT-LINE TO JUNK-LINE.
 MOVE WS-LAST-COMMIT-COUNT TO JUNK-COMMIT-KEY.
 WRITE ERROR-REPORT-LINE FROM WS-PRINT-LINE
 ADD ADVANCE-AMOUNT TO WS-TOTAL-ERROR-LINES.
 D900-WRITE-ERROR-LINE-EXIT.
 EXIT.

 * THE FOLLOWING MODULES EXTRACT INFORMATION FROM THESE TWO FILE *
 * T001_CONSUMER_FILE AND P8_MERCHANT_MASTER.FILE *

E100-GET-CONSUMER-INFO.
 MOVE 'SELECT FROM T001 IN PARAGRAPH E100.
 MOVE TO STEP-DENOTER.
 MOVE 'N' TO ARE-CONS-ERR-DETAIL-WRITTEN.
 MOVE 'N' TO ARE-CONS-RO-DETAIL-WRITTEN.
 EXEC SQL SELECT

CF_SSN,
 CF_CHK_ID,
 CF_LAST_NAME,
 CF_FIRST_NAME,
 CF_MID_INIT,
 CF_ADDRESS1,
 CF_ADDRESS2,
 CF_CITY,
 CF_STATE,
 CF_ZIP,
 CF_ZIP_4,
 CF_ROUTE_TRANS,
 CF_ACCI_NBR,
 CF_PAPR_RT_TRANS,
 CF_PAPR_ACCI_NBR,
 CF_CCARD_NBR,
 CF_CCARD_EXP DATE,
 CF_MAIDEN_NAME,
 CF_DECLINE_STATUS,
 CF_STATUS,
 CF_VIP_STATUS,
 CF_VIP_STATUS2,
 CF_LAST_TRANS_DATE,

002018 03/13/91
 002019 03/13/91
 002020 10/31/90
 002021
 002022
 002023
 002024
 002025
 002026
 002027 03/13/91
 002028 03/13/91
 002029 10/31/90
 002030
 002031
 002032
 002033
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 002036
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 002054
 002055
 002056
 002057
 002058
 002059 04/20/91
 002060 04/20/91
 002061
 002062
 002063
 002064
 002065
 002066
 002067 02/10/91
 002068

LISTING OF MODULE PBB00010

CF_CREDIT_LIMIT,
CF_CHECK_LIMIT,
CF_CF_MTH_ITEMS,
CF_CF_MTH_BAL,
CF_CF_YTD_ITEMS,
CF_CF_YTD_BAL,
CF_TOT_MTH_ITEMS,
CF_TOT_MTH_BAL,
CF_TOT_YTD_ITEMS,
CF_TOT_YTD_BAL,
CF_FREE_FLAG,
CF_MBR_FREE,
CF_FEE_MATRIX,
CF_PRENOTE_DATE,
CF_EFT_CODE,
CF_BANK_NAME,
CF_CHECK_SAVE,
CF_RESET_PRENOTE
INTO
:CF-SSN,
:CF-CMCK-ID,
:CF-LAST-NAME,
:CF-FIRST-NAME,
:CF-MID-INIT,
:CF-ADDRESS1,
:CF-ADDRESS2,
:CF-CITY,
:CF-STATE,
:CF-ZIP,
:CF-ZIP-4,
:CF-ROUTE-TRANS,
:CF-ACCT-MBR,
:CF-PAPR-RT-TRANS,
:CF-PAPR-ACCT-MBR,
:CF-CCARD-MBR,
:CF-CCARD-EXP-DATE,
:CF-MAIDEN-NAME,
:CF-DECLINE-STATUS,
:CF-STATUS,
:CF-VIP-STATUS,
:CF-VIP-STATUS2,
:CF-LAST-TRANS-DATE,
:CF-CREDIT-LIMIT,
:CF-CHECK-LIMIT,
:CF-CF-MTH-ITEMS,
:CF-CF-MTH-BAL,
:CF-CF-YTD-ITEMS,
:CF-CF-YTD-BAL,
:CF-TOT-MTH-ITEMS,
:CF-TOT-MTH-BAL,
:CF-TOT-YTD-ITEMS,

002069
002070
002071
002072
002073
002074
002075
002076
002077
002078
002079
002080
002081
002082
002083
002084
002085
002086
002087
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002091
002092
002093
002094
002095
002096
002097
002098
002099
002100
002101
002102
002103
002104
002105
002106
002107
002108
002109
002110
002111
002112
002113
002114
002115
002116
002117
002118
002119

04/20/91
04/20/91

02/10/91

```

:CF-TOT-YTD-BAL,
:CF-FREE-FLAG,
:CF-NBR-FREE,
:CF-FEE-MATRIX,
:CF-PRENOTE-DATE,
:CF-EFT-CODE,
:CF-BANK-NAME,
:CF-CHECK-SAVE,
:CF-RESET-PRENOTE
FROM T001_CONSUMER FILE
WHERE CF_SSN = :CP-SSN
END-EXEC.

```

```

IF SQLCODE = 100
  MOVE 'Y' TO IS-RECORD-IN-ERROR
  MOVE 'Y' TO IS-CONSUMER-IN-ERROR
  MOVE 'NOT ON CONSUMER FILE' TO ERR-MESSAGE-2,
    WS-ERR-MESSAGE
  MOVE ALL 'N' TO CF-LAST-NAME, ERR-LAST-NAME
    CF-FIRST-NAME, ERR-FIRST-NAME
    CF-MID-INIT, ERR-MI
  PERFORM D200-CONSUMER-ERROR-LINE
    THRU D200-CONSUMER-ERROR-LINE-EXIT.

```

IF CF-STATUS = 'A'
NEXT SENTENCE
ELSE

```

MOVE 'Y'      TO IS-RECORD-IN-ERROR
MOVE 'Y'      TO IS-CONSUMER-IN-ERROR
PERFORM D200-CONSUMER-ERROR-LINE
              THRU D200-CONSUMER-ERROR-LINE-EXIT.

```

```
IF CF-EFT-CODE = 'E' OR 'P' OR 'B'
  NEXT SENTENCE
ELSE
```

```

MOVE 'Y' TO IS-RECORD-IN-ERROR
MOVE 'Y' TO IS-CONSUMER-IN-ERROR
MOVE 'EFT CODE NOT E OR P OR D' TO ERR-MSGAGE '2',
WS-ERR-MSGAGE
PERFORM D200-CONSUMER-ERROR-LINE
THRU D200-CONSUMER-ERROR-LINE-EXIT.

```

IF CP-PAY-TYPE = 'F'
IF CP-PAY-FREQ = 'A' OR 'B' OR 'N' OR 'Q' OR 'S' OR 'T'
OR 'W'

```

ELSE
NEXT SENTENCE
MOVE 'Y' TO IS-RECORD-IN-ERROR
MOVE 'Y' TO IS-CONSUMER-IN-ERROR
MOVE 'PAY FREQ INVALID' TO ENR-MESSAGE-2,
WS-ERR-MESSAGE

```

002120	04/14/91
002121	04/14/91
002122	
002123	
002124	
002125	
002126	
002127	
002128	
002129	
002130	
002131	
002132	
002133	
002134	
002135	
002136	04/14/91
002137	04/14/91
002138	
002139	
002140	
002141	
002142	
002143	
002144	
002145	
002146	
002147	04/14/91
002148	04/14/91
002149	
002150	
002151	04/20/91
002152	
002153	
002154	
002155	04/14/91
002156	04/14/91
002157	04/20/91
002158	04/14/91
002159	
002160	
002161	
002162	
002163	
002164	
002165	
002166	
002167	
002168	
002169	04/14/91
002170	04/14/91

PERFORM D200-CONSUMER-ERROR-LINE
THRU D200-CONSUMER-ERROR-LINE-EXIT.

IF CF-VIP-STATUS = 'N' AND
CF-VIP-STATUS2 = '14'
MOVE 'Y' TO PAY-BY-PHONE-SW
ELSE
MOVE 'N' TO PAY-BY-PHONE-SW.

E100-GET-CONSUMER-INFO-EXIT.
EXIT.

E200-GET-MERCHANT-INFO.
MOVE 'E200-GET-MERCHANT-INFO' TO STEP-DENOTER.
MOVE 'N' TO ARE-MRCH-ERR-DETAIL-WRITTEN.
MOVE CP-MRCH-PHONE TO WS-77-PHONE.
MOVE WS-77-PHONE TO MMR-PHONE.
MOVE CP-MRCH-CR-PHONE TO WS-77-CR-PHONE.
MOVE WS-77-CR-PHONE TO MMR-CR-PHONE.

READ MERCHANT-FILE.

IF MMR-STAT = '00'
NEXT SENTENCE
ELSE

MOVE 'Y' TO IS-RECORD-IN-ERROR
IF CONS-ERR-DETAIL-NOT-WRITTEN
MOVE ' ' TO WS-ERR-MESSAGE

PERFORM D200-CONSUMER-ERROR-LINE
THRU D200-CONSUMER-ERROR-LINE-EXIT
MOVE 'NOT ON MERCHANT FILE' TO ERR-MESSAGE-2,
WS-ERR-MESSAGE

PERFORM D300-MERCHANT-ERROR-LINE
THRU D300-MERCHANT-ERROR-LINE-EXIT
ELSE

MOVE 'NOT ON MERCHANT FILE' TO ERR-MESSAGE-2,
WS-ERR-MESSAGE
PERFORM D300-MERCHANT-ERROR-LINE
THRU D300-MERCHANT-ERROR-LINE-EXIT.

IF CONSUMER-IN-ERROR

MOVE 'Y'
TO IS-RECORD-IN-ERROR
MOVE 'CONSUMER RECORD IN ERROR' TO ERR-MESSAGE-2,
WS-ERR-MESSAGE

PERFORM D300-MERCHANT-ERROR-LINE
THRU D300-MERCHANT-ERROR-LINE-EXIT

MOVE 'CANNOT PROCESS THIS PAYMENT' TO ERR-MESSAGE-2,
WS-ERR-MESSAGE

PERFORM D300-MERCHANT-ERROR-LINE
THRU D300-MERCHANT-ERROR-LINE-EXIT.

002171	
002172	
002173	
002174	02/10/91
002175	02/10/91
002176	
002177	
002178	
002179	
002180	
002181	
002182	
002183	
002184	
002185	
002186	
002187	
002188	
002189	
002190	
002191	
002192	
002193	
002194	03/13/91
002195	
002196	
002197	
002198	
002199	
002200	
002201	
002202	04/14/91
002203	04/14/91
002204	
002205	
002206	
002207	04/14/91
002208	04/14/91
002209	
002210	
002211	
002212	
002213	04/14/91
002214	04/14/91
002215	04/14/91
002216	
002217	
002218	04/14/91
002219	04/14/91
002220	
002221	


```

MOVE 'N' TO STLCODE-IN-TABLE-SW.
IF MMR-STAT NOT = '00'
  NEXT SENTENCE
ELSE
  IF MMR-ROUTE-SETTLE EQUAL '01'
    OR MMR-ROUTE-SETTLE EQUAL '02'
    OR MMR-ROUTE-SETTLE EQUAL '03'
    OR MMR-ROUTE-SETTLE EQUAL '10'
    OR MMR-ROUTE-SETTLE EQUAL '11'
    OR MMR-ROUTE-SETTLE EQUAL '12'
    NEXT SENTENCE
  ELSE
    PERFORM FI10-LOCATE-STLCODE-INDEX
    THRU FI10-LOCATE-STLCODE-INDEX-EXIT
    IF STLCODE-IN-TABLE
      NEXT SENTENCE
    ELSE
      MOVE '01' TO MMR-ROUTE-SETTLE.
  IF MMR-PRENOTE-RESET > SQL-DRAFT-DATE
    IF MMR-ROUTE-SETTLE = '10'
      MOVE '01' TO MMR-ROUTE-SETTLE
    ELSE
      IF MMR-ROUTE-SETTLE = '11'
        MOVE '02' TO MMR-ROUTE-SETTLE
      ELSE
        IF MMR-ROUTE-SETTLE = '12'
          MOVE '03' TO MMR-ROUTE-SETTLE.
E200-GET-MERCHANT-INFO-EXIT.
EXIT.

E300-CHECK-PRENOTE.

  IF CP-PRENOTE-RESET > SQL-DRAFT-DATE OR
  CP-ACT-SCHEME NOT = 'Y'
    IF MMR-ROUTE-SETTLE = '01'
      NEXT SENTENCE
    ELSE
      IF MMR-ROUTE-SETTLE = '02'
        NEXT SENTENCE
      ELSE
        IF MMR-ROUTE-SETTLE = '03'
          NEXT SENTENCE
        ELSE
          IF MMR-ROUTE-SETTLE = '10'
            MOVE '01' TO MMR-ROUTE-SETTLE
          ELSE
            IF MMR-ROUTE-SETTLE = '11'
              MOVE '02' TO MMR-ROUTE-SETTLE

```

```

ELSE
IF MMR-ROUTE-SETTLE = '12'
MOVE '03' TO MMR-ROUTE-SETTLE
ELSE
MOVE '01' TO MMR-ROUTE-SETTLE.

```

```

E300-CHECK-PRENOTE-EXIT.
EXIT.

```

```

*****
* THE FOLLOWING MODULE CHECKS FOR PAYMENT ROLLOVER AND MOVES *
* THOSE VALUES TO PROPER FIELDS IN TABLE T002_CONSUMER_PAY *
*****

```

F100-ROLLOVER-ROUTINE.

```

* MOVE CURRENT VALUES FOR THESE FIELDS TO THE OUTPUT REPORT
* BEFORE THEY ARE ROLLED FORWARD.

```

```

MOVE CP-MRCH-AMT TO WS-77-AMOUNT.
MOVE WS-77-AMOUNT TO WS-77-HOLD-PAY-AMOUNT.
MOVE CP-MRCH-PAY-DATE TO RO-AMOUNT.
MOVE CP-MRCH-PAY-DATE TO WS-77-DATE.
MOVE WS-77-DATE TO WS-77-HOLD-PAY-DATE.
MOVE WS-M-YMD TO WS-M-MDY-SLASHES
MOVE WS-D-YMD TO WS-D-MDY-SLASHES
MOVE WS-Y-YMD TO WS-Y-MDY-SLASHES
MOVE WS-DATE-MDY-WITH-SLASHES TO RO-PAY-DATE.

```

```

MOVE ZEROS TO DATE-MDDYYYY
MOVE ZEROS TO DATE-YYYYDDD
MOVE ZEROS TO DATE-RED-1
MOVE ZEROS TO DATE-RED-2
MOVE ZEROS TO DATE-RED-3
MOVE ZEROS TO DATE-MDDYY

```

```

IF PAY-BY-PHONE
MOVE CP-MRCH-AMT TO DRAFT-LAST-AMT
MOVE CP-MRCH-PAY-DATE TO DRAFT-LAST-DATE.

```

```

***** ROLL PAYMENT DATE FORWARD.
IF (CP-NBR-REMAIN > 0
OR

```

```

CP-NBR-REMAIN = -1)
AND

```

```

CP-PAY-TYPE = 'F'
MOVE CP-MRCH-PAY-DATE TO WS-77-DATE
MOVE WS-77-DATE TO WS-DATE-YMD
MOVE WS-M-YMD TO HOLD-M-FFMDDYY
MOVE WS-D-YMD TO HOLD-D-FFMDDYY

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```

MOVE WS-Y-YND TO HOLD-Y-FFWDDYY
MOVE 00 TO HOLD-F-FFWDDYY
MOVE WS-HOLD-DATE-FFWDDYY TO DATE-MDDVYYY
PERFORM GREGORIAN-TO-JULIAN THRU
  GREGORIAN-TO-JULIAN-EXIT
PERFORM F120-GET-ROLL-VALUES THRU
  F120-GET-ROLL-VALUES-EXIT
PERFORM FUTURE-DATE THRU
  FUTURE-DATE-EXIT
PERFORM JULIAN-TO-GREGORIAN THRU
  JULIAN-TO-GREGORIAN-EXIT
PERFORM F115-CHECK-MONTH-END THRU
  F115-CHECK-MONTH-END-EXIT
MOVE DATE-MM TO DATE-M
MOVE DATE-DD TO DATE-D
MOVE DATE-YY TO WS-YEAR-WORK
MOVE WS-YY-LAST2 TO DATE-Y
MOVE DATE-MDY TO WS-DATE-MDY
MOVE WS-M-MDY TO WS-M-YND
MOVE WS-D-MDY TO WS-D-YND
MOVE WS-Y-MDY TO WS-Y-YND
MOVE WS-DATE-YND TO WS-77-DATE
MOVE WS-77-DATE TO CP-MRCH-PAY-DATE
ELSE
  MOVE ZEROS TO CP-MRCH-PAY-DATE
  MOVE ZEROS TO CP-MRCH-AMT
  IF CP-CHG-DATE = 29 OR 30 OR 31
    MOVE ZEROS TO CP-CHG-DATE
  END-IF
END-IF

IF CP-NBR-REMAIN > 0
  SUBTRACT 1 FROM CP-NBR-REMAIN
  ##### THE FOLLOWING 'IF' WILL CAUSE FIX PAYMENTS TO HAVE THEIR
  ##### PAYMENT DATES AND AMOUNTS SET TO ZERO WHEN THE NUMBER
  ##### OF PAYMENTS REMAINING BECOMES ZERO.
  IF CP-NBR-REMAIN = 0
    AND
    CP-PAY-TYPE = 'F'
    MOVE ZEROS TO CP-MRCH-PAY-DATE
    MOVE ZEROS TO CP-MRCH-AMT
    IF CP-CHG-DATE = 29 OR 30 OR 31
      MOVE ZEROS TO CP-CHG-DATE
    END-IF
  END-IF
END-IF

IF PAY-BY-PHONE AND CP-PAY-TYPE = 'F'
  MOVE CP-MRCH-AMT TO DRAFT-NEW-AMT
  MOVE CP-MRCH-PAY-DATE TO DRAFT-NEW-DATE.

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06/05/91

```

***** MOVE ROLLOVER VALUES TO DETAIL REPORT.
***** MOVE SPACES TO RO-EXTRA-PAYMENT.

**F100-ROLLOVER-ROUTINE-EXIT.
EXIT.**

IF THE SETTLEMENT CODE IS NOT ONE OF THE HARDCODED ONES,
'01','02','03','10','11','12', THEN LOOK IN THE TABLE
TO FIND IT. IF THE TABLE ENTRY IS FOUND, THEN THE
STLCODE-IN-TABLE WILL BE TRUE AND THE INDEX WILL POINT TO
THE PROPER ENTRY.

NOTE: THE SEARCH LOOKS UNTIL END OF TABLE OR WE HAVE
COME BEYOND THE SETTLEMENT CODE WE ARE LOOKING FOR.

F110-LOCATE-STLCODE-INDEX.

F110-LOCATE-SILCODE-INDEX.
SET YFR-IDX TO 1.

PERFORM

```
UNTIL TFR-IDX GREATER THAN TRANFREE-TBL-ENTRIES
OR TFR-TBL-SC-CODE (TFR-IDX) EQUAL MM-R-ROUTE-SETTLE
OR TFR-TBL-SC-CODE (TFR-IDX) GREATER THAN MM-R-ROUTE-SETTLE
    SET TFR-IDX UP BY 1
```

END-PERFORM.

IF TFR-IDX GREATER THAN TRANFREE-TDL-ENTRIES

MOVE 'N' TO STLCODE-IN-TABLE-SW

ESTJ

IF YFR-YBL-SC-CODE (YFR-IDX) EQUAL HWR-ROUTE-SETTLE

MOVE 'Y' TO STLCODE-IN-TABLE-SW

3573

MOVE 'M' TO STLCODE-IN-TABLE-SM.

F110-LOCATE-STLCODE-INDEX-EXIT:

EXIT.

```

*****
** THE FOLLOWING MODAL CHECKS CP-CMO-DATE TO SEE IF A DAY VALUE **
** HAS BEEN STORED THERE BY POLD090. IF THERE, THE NUMBER IS **
** THE CUSTOMER'S CHOSEN DRAFT DAY UNCORRUPTED BY ROLLING FROM **
** MONTH TO MONTH. **
*****

```

F115-CHECK-MONTH-END.

IF CP-PAY-FREQ = 'B' OR 'W'

NO CHANGES FOR WEEKLY TYPE PAYMENTS

60 TO F115-CHECK-MONTH-END-EXIT

END-IF

IF CP-CHG-DATE = 29 OR 30 OR 31

MOVE CP-CHG-DATE TO DATE-DD

MOVE DATE - MDDDDYYY TO DATE-EOM

MOVE DATE-M-ECH TO DATE-M

MOVE DATE-D-EOM TO DATE-D

002375
002376 04/14/91

04/14/91

002361 05/25/91
002362 05/25/91
002363 05/25/91
002364 05/25/91
002365 05/25/91
002366 05/25/91
002367 05/25/91
002368 05/25/91

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```

MOVE DATE-Y-EOM TO DATE-Y
PERFORM END-OF-MONTH THRU
END-OF-MONTH-EXIT
MOVE DATE-M TO DATE-M-EOM
MOVE DATE-D TO DATE-D-EOM
MOVE DATE-Y TO DATE-Y-EOM
MOVE DATE-EOM TO DATE-MDDYYYY.

```

```

F115-CHECK-MONTH-END-EXIT.
EXIT.

```

```

*****
* THE FOLLOWING MODULE GETS THE CORRECT VALUES TO BE PASSED THE *
* DATE ROUTINES FOR FUTURE DATE CALCULATIONS. *
*****

```

F120-GET-ROLL-VALUES.

```

IF CP-PAY-FREQ = 'A'
MOVE 'M' TO DATE-PERIOD
MOVE 12 TO DATE-FREQ.
IF CP-PAY-FREQ = 'B'
MOVE 'D' TO DATE-PERIOD
MOVE 14 TO DATE-FREQ.
IF CP-PAY-FREQ = 'N'
MOVE 'M' TO DATE-PERIOD
MOVE 1 TO DATE-FREQ.
IF CP-PAY-FREQ = 'Q'
MOVE 'M' TO DATE-PERIOD
MOVE 3 TO DATE-FREQ.
IF CP-PAY-FREQ = 'S'
MOVE 'N' TO DATE-PERIOD
MOVE 6 TO DATE-FREQ.
IF CP-PAY-FREQ = 'T'
MOVE 'M' TO DATE-PERIOD
MOVE 4 TO DATE-FREQ.
IF CP-PAY-FREQ = 'W'
MOVE 'D' TO DATE-PERIOD
MOVE 7 TO DATE-FREQ.
F120-GET-ROLL-VALUES-EXIT.
EXIT.

```

```

*****
* THE FOLLOWING MODULES CREATE THE CREDIT AND DEBITS RECORDS *
* AND LOADS THEM INTO THE TRANHOLD. *
*****

```

```

G100-TRANHOLD-RECORD.
ADD WS-77-HOLD-PAY-AMOUNT TO CF-TOT-MTH-BAL,
CF-TOT-YTD-BAL,
IFR-COL-TOT-DOLLARS,

```

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002476

```

ADD 1 TO CF-TOT-TOT-DOLLARS.
CF-TOT-YTD-ITEMS,
TFR-COL-TOT-ITEMS,
TFR-RMT-TOT-ITEMS.

EVALUATE TRUE

WHEN MMR-CREDIT-LIMIT NOT NUMERIC
MOVE 50.01 TO WS-CREDIT-LIMIT
WHEN MMR-CREDIT-LIMIT < 51
MOVE 50.01 TO WS-CREDIT-LIMIT
WHEN OTHER
COMPUTE WS-CREDIT-LIMIT = MMR-CREDIT-LIMIT + .01
END-EVALUATE

```

### NOTES FOR THIS SECTION.
### IF THE CF-STATUS IS A 'P' THEN THIS IS A PREMNOTE ITEM
### AND ANY NOTIFICATIONS CREATED FOR PREMOTES NEED TO BE
### PAPER ITEMS.
### IF THE CF-STATUS IS NOT A 'P' THEN IT MUST BE AN 'A'
### IN WHICH CASE THIS IS GOING TO BE A CONSUMER DEBIT.
### ON CONSUMER DEBITS IF THE EFT CODE IS 'P' AND THE DEBIT
### AMOUNT IS LESS THEN THE CHECK LIMIT AND THE DEBIT AMOUNT
### PLUS THE CURRENT MONTH TO DATE BALANCE IS LESS THEN THE
### CREDIT LIMIT THIS ITEM WILL BE PAID THRU CHECKFREE
### VIA SETTLEMENT CHECK.
### IF THE ITEM IS NOT WITHIN THESE LIMITS THEN THE ITEM
### WILL BE PAID VIA PAPER CHECK PAYABLE THRU CONSUMER.
### IF THE EFT CODE IS 'E' AND THE DEBIT AMOUNT IS LESS THEN THE
### CHECK LIMIT AND THE DEBIT AMOUNT PLUS THE CURRENT MONTH TO
### DATE BALANCE IS LESS THEN THE CREDIT LIMIT THIS ITEM
### WILL BE PAID VIA ACH.
### IF THE ITEM IS NOT WITHIN THESE LIMITS THEN THE ITEM
### WILL BE PAID VIA PAPER CHECK PAYABLE THRU CONSUMER.

```

```

IF CF-STATUS = 'P'
OR
(CF-RESET-PREMNOTE > 0
AND
WS-77-HOLD-PAY-DATE < CF-RESET-PREMNOTE)
PERFORM G130-PAPER-ITEMS
THRU G130-PAPER-ITEMS-EXIT

```

```

ELSE
IF THE EFT IS A 'P' CREATE A PAPER CHECK REGARDLESS OF
THE AMOUNT. THIS IS BEING DONE BECAUSE WE DON'T CURRENTLY
HAVE AN EXTRACT PROGRAM TO CREATE PAYABLE THRU CHECKFREE
CHECKS.
IF CF-EFT-CODE = 'P'
PERFORM G130-PAPER-ITEMS
THRU G130-PAPER-ITEMS-EXIT

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002477	05/25/91
002478	
002479	
002480	05/25/91
002481	05/25/91
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002483	01/02/91
002484	01/02/91
002485	01/02/91
002486	01/02/91
002487	01/02/91
002488	01/02/91
002489	01/02/91
002490	01/02/91
002491	01/02/91
002492	
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ELSE

```

IF CF-EFT-CODE = 'E' OR 'B'
  IF MMR-MC-ACCT-SCHEME-CHECK = 'Y' AND
    (CP-ACCT-SCHEME = 'R' OR
     CP-ACCT-SCHEME = 'N')
    PERFORM G130-PAPER-ITEMS
      THRU G130-PAPER-ITEMS-EXIT
  ELSE
    IF WS-77-HOLD-PAY-AMOUNT < WS-CREDIT-LIMIT AND
      CF-CHECK-LIMIT > ZEROS
      PERFORM G140-ACH-ITEMS
        THRU G140-ACH-ITEMS-EXIT
    ELSE
      IF WS-77-HOLD-PAY-AMOUNT < CF-CHECK-LIMIT
        OR = CF-CHECK-LIMIT
        ADD WS-77-HOLD-PAY-AMOUNT TO CF-CF-MTH-BAL
        IF CF-CF-MTH-BAL < CF-CREDIT-LIMIT
          OR = CF-CREDIT-LIMIT
          PERFORM G140-ACH-ITEMS
            THRU G140-ACH-ITEMS-EXIT
        ELSE
          SUBTRACT WS-77-HOLD-PAY-AMOUNT
            FROM CF-CF-MTH-BAL
          PERFORM G130-PAPER-ITEMS
            THRU G130-PAPER-ITEMS-EXIT
        ELSE
          PERFORM G130-PAPER-ITEMS
            THRU G130-PAPER-ITEMS-EXIT.

```

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002520 04/20/91
002529 10/31/90
002530 10/31/90
002531 10/31/90
002532 10/31/90
002533 10/31/90
002534 10/31/90
002535 10/31/90
002536 01/02/91
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04/20/91
04/20/91

```

```

MOVE 2 TO PDR-DB-CR-CODE.
MOVE '2' TO PDR-STATUS.
MOVE CP-MRCH-PHONE TO PDR-MRCH-PHONE.
MOVE CP-MRCH-CR-PHONE TO PDR-MRCH-CR-PHONE.
MOVE MMR-REMIT-ADDR1 TO PDR-MRCH-ADDR1.
MOVE MMR-REMIT-ADDR2 TO PDR-MRCH-ADDR2.
MOVE MMR-REMIT-CITY TO PDR-MRCH-CITY.
MOVE MMR-REMIT-ST TO PDR-MRCH-STATE.
MOVE MMR-REMIT-ZIP TO PDR-MRCH-ZIP.
MOVE MMR-ROUTE-SETTLE TO PDR-MRCH-SETTLE.
MOVE CP-SSN TO PDR-CUST-SSN.
MOVE CF-FIRST-NAME TO PDR-FIRST-NAME.
MOVE CF-LAST-NAME TO PDR-LAST-NAME.
MOVE CF-MID-INIT TO PDR-MID-INIT.
MOVE CP-ACCT-NDR TO PDR-CUST-ACCT.
PERFORM CHECK-EFT-CODE THRU CHECK-EXIT.
MOVE CF-CHECK-SAVE TO PDR-CHECK-SAVE.
MOVE WS-77-HOLD-PAY-DATE TO PDR-PROC-DATE.
MOVE WS-77-HOLD-PAY-AMOUNT TO PDR-AMT.
MOVE 'PAYMENT' TO PDR-DESCRIPTION.

```

```

MOVE WS-TRACE-NBR TO WS-77-TRACE-NBR.
MOVE WS-77-TRACE-NBR TO PDR-JUL-DATE.
MOVE 'C' TO PDR-TRANFREE.
MOVE SPACES TO PDR-ORIGIN.
MOVE PDR-JUL-DATE TO TRACKING-JULIAN-DATE.
PERFORM TRACKING-NBR-CALC
THRU TRACKING-NBR-CALC-EXIT.
MOVE TRACKING-NBR-ENC TO PDR-TRACK-NBR.

```

```

PERFORM G150-WRITE-HISTORY
THRU G150-WRITE-HISTORY-EXIT.

```

```

PERFORM G900-WRITE-TRANHOLD
THRU G900-WRITE-TRANHOLD-EXIT.

```

```

IF RO-METHOD = 'A' OR 'C'
PERFORM G200-CREATE-MRCH-CREDIT
THRU G200-CREATE-MRCH-CREDIT-EXIT
ELSE

```

```

GO TO G100-TRANHOLD-RECORD-EXIT.
G100-TRANHOLD-RECORD-EXIT.
EXIT.

```

G120-CHECK-ITEMS.

*** SETTLEMENT CHECK PAYABLE THRU CHECKFREE.

```

ADD 1 TO TFR-COL-CMK-ITEMS
CF-CF-MTH-ITEMS
CF-CF-YTD-ITEMS.

```

```

ADD WS-77-HOLD-PAY-AMOUNT TO
TFR-COL-CMK-DOLLARS
CF-CF-YTD-BAL.

```

```

MOVE MMIR-ABRV TO PDR-MRCH-ABRV.

```

```

M CHP-METH-PAY SHOULD BE SAME AS PDR-MRCH-SETTLE UNLESS
M A PAPER DRAFT IS BEING CREATED, THEN IT SHOULD BE '99'.
M

```

```

MOVE MMIR-ROUTE-SETTLE TO CHP-METH-PAY.

```

```

MOVE 'P' TO PDR-MODIFIER.

```

```

MOVE 'C' TO RO-METHOD.

```

```

G120-CHECK-ITEMS-EXIT.
EXIT.

```

G130-PAPER-ITEMS.

```

*** PAPER CHECK PAYABLE THRU CONSUMER.
*** ALSO KNOWN AS A PAPER DRAFT.
***

```

```

ADD 1 TO TFR-COL-PPR-ITEMS

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LISTING OF MODULE PDB00010

```

TFR-RMT-PPR-ITEMS.
ADD WS-77-HOLD-PAY-AMOUNT TO
TFR-COL-PPR-DOLLARS
TFR-RMT-PPR-DOLLARS.
MOVE MMR-ABRV TO PDR-MRCH-ABRV.
M
M CHP-METH-PAY SHOULD BE SAME AS PDR-MRCH-SETTLE UNLESS
M A PAPER DRAFT IS BEING CREATED, THEN IT SHOULD BE '99'.
M
MOVE '99' TO CHP-METH-PAY.
MOVE 'F' TO PDR-MODIFIER.
MOVE 'P' TO RO-METHOD.
G130-PAPER-ITEMS-EXIT.
EXIT.

G140-ACH-ITEMS.
M
M ACH PAYABLE THRU CHECKFREE.
M
ADD 1 TO TFR-COL-ACH-ITEMS
CF-CF-MTH-ITEMS
CF-CF-YTD-ITEMS.
ADD WS-77-HOLD-PAY-AMOUNT TO
TFR-COL-ACH-DOLLARS
CF-CF-YTD-BAL.
MOVE CF-MRCH-NAME TO PDR-MRCH-ABRV.
M
M CHP-METH-PAY SHOULD BE SAME AS PDR-MRCH-SETTLE UNLESS
M A PAPER DRAFT IS BEING CREATED, THEN IT SHOULD BE '99'.
M
MOVE MMR-ROUTE-SETTLE TO CHP-METH-PAY.
MOVE 'A' TO RO-METHOD.
IF NIGHT-ACH
MOVE 'E' TO PDR-MODIFIER
ELSE
MOVE 'B' TO PDR-MODIFIER.
G140-ACH-ITEMS-EXIT.
EXIT.

M
M THIS MODULE WRITES A HISTORY RECORD OF WHO, WHAT, AND HOW
M MUCH WAS PAID FOR A CONSUMER IN THIS DRAFT PROGRAM.
M
G150-WRITE-HISTORY.
MOVE PDR-CUST-SSN TO CHP-SSN.

```

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002632 05/25/91
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```

MOVE PDR-MRCH-PHONE TO CHP-CROSS-R-PHONE.
MOVE PDR-MRCH-CR-PHONE TO CHP-CICK-CR-PHONE.
MOVE PDR-LAST-NAME TO CHP-LAST-NAME.
MOVE PDR-FIRST-NAME TO CHP-FIRST-NAME.
MOVE PDR-MID-INIT TO CHP-MID-INIT.
MOVE PDR-MRCH-PHONE TO CHP-MRCH-PHONE.
MOVE PDR-MRCH-CR-PHONE TO CHP-MRCH-CR-PHONE.
MOVE MR-MRCH-NAME TO CHP-MRCH-NAME.
MOVE PDR-AMT TO CHP-MRCH-AMT.
MOVE PDR-PROC-DATE TO CHP-PAY-DATE.
MOVE PDR-CUST-ACCT TO CHP-ACCT-NBR.
MOVE PDR-JUL-DATE TO CHP-JUL-DATE
MOVE ZEROS TO CHP-CHECK-NBR
      CHP-RTN-DATE.
MOVE SPACES TO CHP-RTN-REASON
      CHP-RTN-STATUS
      CHP-RTN-COMMENT.
MOVE CP-LAST-TRANS-DATE TO CHP-LST-TRANS-DATE.
MOVE PDR-TRACK-NBR TO CHP-TRACK-NBR.
MOVE 'INSERT INTO 1006 IN PARAGRAPH 6150.
      TO STEP-DEMOTE.

```

```

EXEC SQL INSERT
      INTO 1006 CONS_HIST_PAY
      (CHP_SSN,
      CHP_CROSS_R_PHONE,
      CHP_CICK_CR_PHONE,
      CHP_LAST_NAME,
      CHP_FIRST_NAME,
      CHP_MID_INIT,
      CHP_MRCH_PHONE,
      CHP_MRCH_CR_PHONE,
      CHP_MRCH_NAME,
      CHP_MRCH_AMT,
      CHP_PAY_DATE,
      CHP_METH_PAY,
      CHP_ACCT_NBR,
      CHP_JUL DATE,
      CHP_CHECK_NBR,
      CHP_RTN DATE,
      CHP_RTN_REASON,
      CHP_RTN_STATUS,
      CHP_RTN_COMMENT,
      CHP_LST_TRANS_DATE,
      CHP_TRACK_NBR)

```

```

VALUES
      (:CHP_SSN,
      :CHP-CROSS-R-PHONE,
      :CHP-CICK-CR-PHONE,
      :CHP-LAST-NAME,
      :CHP-FIRST-NAME,

```

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05/25/91


```

END-IF
ELSE
  ADD 1 TO
    TFR-RNT-ACH-ITEMS
  ADD WS-77-HOLD-PAY-AMOUNT TO
    TFR-RNT-ACH-DOLLARS
  IF NIGHT-ACH
    MOVE 'E'
      TO PDR-MODIFIER
    ELSE
      MOVE 'B'
        TO PDR-MODIFIER
    END-IF
  END-IF
END-IF.

MOVE CP-MRCH-PHONE TO PDR-MRCH-PHONE
MOVE CP-MRCH-CR-PHONE TO PDR-MRCH-CR-PHONE
MOVE MMR-REMIT-ADDR1 TO PDR-MRCH-ADDR1
MOVE MMR-REMIT-ADDR2 TO PDR-MRCH-ADDR2
MOVE MMR-REMIT-CITY TO PDR-MRCH-CITY
MOVE MMR-REMIT-ST TO PDR-MRCH-STATE
MOVE MMR-REMIT-ZIP TO PDR-MRCH-ZIP
MOVE MMR-ROUTE-SETTLE TO PDR-MRCH-SETTLE
MOVE CP-SSN TO PDR-CUST-SSN
MOVE CF-FIRST-NAME TO PDR-FIRST-NAME
MOVE CF-LAST-NAME TO PDR-LAST-NAME
MOVE CF-MID-INIT TO PDR-MID-INIT
MOVE CP-ACCT-NBR TO PDR-CUST-ACCT
MOVE 'C' TO PDR-CHECK-SAVE
MOVE WS-77-HOLD-PAY-DATE TO PDR-PROC-DATE
MOVE WS-77-HOLD-PAY-AMOUNT TO PDR-AMT
MOVE 'PAYMENT' TO PDR-DESCRIPTION
MOVE WS-TRACE-NBR TO WS-77-TRACE-NBR.
MOVE WS-77-TRACE-NBR TO PDR-JUL-DATE.
MOVE 'M' TO PDR-TRANFREE.
MOVE PDR-JUL-DATE TO TRACKING-JULIAN-DATE.
  THRU TRACKING-NBR-CALC
  PERFORM TRACKING-NBR-CALC-EXIT.
MOVE TRACKING-NBR-ENC TO PDR-TRACK-NBR.
MOVE SPACES TO PDR-ORIGIN.
PERFORM G900-WRITE-TRANHOLD
  THRU G900-WRITE-TRANHOLD-EXIT.
G200-CREATE-MRCH-CREDIT-EXIT.
EXIT.

G900-WRITE-TRANHOLD.
  MOVE WS-LAST-COMMIT-COUNT TO PD-DRAFT-COMMIT-KEY
  WRITE PD-DRAFT-RECORD.
G900-WRITE-TRANHOLD-EXIT.
EXIT.

```

```

002703 05/25/91
002704
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002706 05/25/91
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002833

```

```

*****
* THE FOLLOWING MODULE UPDATES T001 CONSUMER FILE AND
* T002 CONSUMER PAY WITH NEW PAYMENT INFORMATION AND
* PROCESSING TOTAL INFORMATION.
*****

```

H100-UPDATE-TABLES.

```

MOVE 'UPDATE OF T002 IN PARAGRAPH H100.
TO STEP-DENOTER.

```

```

IF CP-PAY-TYPE EQUAL 'F' OR
CP-PAY-TYPE EQUAL 'V'
IF NOT TEST-PCN

```

EXEC SQL UPDATE T002_CONSUMER_PAY

```

SET CP_MRCH_AMT =: CP-MRCH-AMT,
CP_MRCH_PAY_DATE =: CP-MRCH-PAY-DATE,
CP_MBR_REMAIN =: CP-MBR-REMAIN,
CP_CHG_DATE =: CP-CHG-DATE,
CP_CHG_AMT =: CP-CHG-AMT
WHERE CP_SSN =: CP-SSN
AND

```

```

CP_CHK_PHONE =: CP-CHK-PHONE
AND
CP_CHK_CR_PHONE =: CP-CHK-CR-PHONE
AND
CP_MRCH_PHONE =: CP-MRCH-PHONE
AND
CP_MRCH_CR_PHONE =: CP-MRCH-CR-PHONE
AND
CP_PAY_TYPE =: CP-PAY-TYPE

```

```

END-EXEC
END-IF

```

ELSE

```

MOVE CP-PAY-TYPE TO WS-DEL-PAY-TYPE
MOVE WS-DELETED-DATE TO RO-EXTRA-PAYMENT
MOVE 'DELETE FROM T002 IN PARAGRAPH H100.
TO STEP-DENOTER

```

```

IF NOT TEST-PCN
EXEC SQL DELETE FROM T002_CONSUMER_PAY
WHERE CP_SSN =: CP-SSN
AND

```

```

CP_CHK_PHONE =: CP-CHK-PHONE
AND
CP_CHK_CR_PHONE =: CP-CHK-CR-PHONE
AND

```

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002084

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03/13/91

05/25/91

05/25/91

04/14/91

05/25/91

LISTING OF MODULE PDB00010

GO TO I100-CREDIT-OFFSETS-EXIT.

```

MOVE I          TO PDR-DB-CR-CODE.
MOVE 'I'        TO PDR-STATUS.
IF NIGHT-ACH    TO
MOVE 'E'        TO PDR-MODIFIER
ELSE
  MOVE 'B'      TO PDR-MODIFIER.
MOVE 6140986000 TO PDR-MRCH-PHONE.
MOVE 001        TO PDR-MRCH-CR-PHONE.
MOVE 'CHECKFREE TECH.' TO PDR-MRCH-ABRV.
MOVE '720 GREENCREST' TO PDR-MRCH-ADDR1.
MOVE SPACES     TO PDR-MRCH-ADDR2.
MOVE 'WESTERVILLE' TO PDR-MRCH-CITY.
MOVE 'OH'        TO PDR-MRCH-STATE.
MOVE 430810000   TO PDR-MRCH-ZIP.
MOVE '14'        TO PDR-MRCH-SETTLE.
MOVE ZEROS       TO PDR-CUST-SSN.
MOVE 'CHECKFREE' TO PDR-FIRST-NAME.
MOVE 'CREDIT'    TO PDR-LAST-NAME.
MOVE SPACE       TO PDR-MID-INIT.
MOVE ZEROS       TO PDR-CUST-ACCT.
MOVE 044000037   TO PDR-ROUTE-TRANS.
MOVE '10-72049' TO PDR-ACCT-NBR.
MOVE 'C'         TO PDR-CHECK-SAVE.
MOVE SQL-DRAFT-DATE TO PDR-PROC-DATE.
MOVE ACH-OFFSET-DOLLARS TO PDR-AMT.
MOVE 'CHK CREDIT' TO PDR-DESCRIPTION.
MOVE '1357360475' TO PDR-COMPANY-NBR.
MOVE WS-TRACE-NBR TO WS-77-TRACE-NBR.
MOVE WS-77-TRACE-NBR TO PDR-JUL-DATE.
MOVE 'M'         TO PDR-TRANFREE.
MOVE PDR-JUL-DATE TO TRACKING-JULIAN-DATE.
PERFORM TRACKING-NBR-CALC
  THRU TRACKING-NBR-CALC-EXIT.
MOVE TRACKING-NBR-ENC TO PDR-TRACK-NBR.
MOVE SPACES          TO PDR-ORIGIN.
PERFORM G900-WRITE-TRANHOLD
  THRU G900-WRITE-TRANHOLD-EXIT.
I100-CREDIT-OFFSETS-EXIT.
EXIT.

```

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M THE FOLLOWING MODULES CREATE THE SUMMARY REPORTS.

J200-WRITE-GRAND-SUMMARY.
 MOVE 'OVERALL' TO SUM-DRAFT-DATE.
 ADD 1 TO WS-SUMMARY-PAGE-COUNT.
 MOVE WS-SUMMARY-PAGE-COUNT TO SUM-PAGE-NUMBER.

LISTING OF MODULE PDB00010

```

MOVE 'REMITTANCES' TO SUM-RMT-RMT-LIT.
MOVE 'FOR' TO SUM-RMT-FOR-LIT.
MOVE TFR-RMT-CHK-ITEMS TO SUM-RMT-ITEMS.
MOVE TFR-RMT-CHK-DOLLARS TO SUM-RMT-DOLLARS.
MOVE SUM-DETAIL TO SUMMARY-REPORT-LINE.
MOVE '0' TO CC-LINE.
MOVE 2 TO ADVANCE-AMOUNT.
PERFORM J900-WRITE-SUM-LINE
THRU J900-WRITE-SUM-LINE-EXIT.

```

```

* WRITE ACH ITEMS LINE
MOVE SPACES TO SUM-DETAIL.
MOVE 'ACH' TO SUM-COL-COL-LIT.
MOVE 'COLLECTIONS' TO SUM-COL-COL-LIT.
MOVE 'FOR' TO SUM-COL-FOR-LIT.
MOVE TFR-COL-ACH-ITEMS TO SUM-COL-ITEMS.
MOVE TFR-COL-ACH-DOLLARS TO SUM-COL-DOLLARS.
MOVE 'ACH' TO SUM-RMT-TYPE-LIT.
MOVE 'REMITTANCES' TO SUM-RMT-RMT-LIT.
MOVE 'FOR' TO SUM-RMT-FOR-LIT.
MOVE TFR-RMT-ACH-ITEMS TO SUM-RMT-ITEMS.
MOVE TFR-RMT-ACH-DOLLARS TO SUM-RMT-DOLLARS.
MOVE SUM-DETAIL TO SUMMARY-REPORT-LINE.
MOVE '0' TO CC-LINE.
MOVE 2 TO ADVANCE-AMOUNT.
PERFORM J900-WRITE-SUM-LINE
THRU J900-WRITE-SUM-LINE-EXIT.

```

```

* START COLLECTIONS TOTAL LINE
MOVE SPACES TO SUM-DETAIL.
MOVE 'TOTAL' TO SUM-COL-TOT-LIT.
MOVE 'COLLECTIONS' TO SUM-COL-COL-LIT.
MOVE 'FOR' TO SUM-COL-FOR-LIT.
MOVE TFR-COL-TOT-ITEMS TO SUM-COL-ITEMS.
MOVE TFR-COL-TOT-DOLLARS TO SUM-COL-DOLLARS.
SET TFR-IDX TO 1.
PERFORM J500-WRITE-STLCODE-SUM
THRU J500-WRITE-STLCODE-SUM-EXIT
VARYING TFR-IDX FROM 1 BY 1
UNTIL TFR-IDX GREATER THAN TRANSFER-TBL-ENTRIES.
MOVE 'TOTAL' TO SUM-RMT-TYPE-LIT.
MOVE 'REMITTANCES' TO SUM-RMT-RMT-LIT.
MOVE 'FOR' TO SUM-RMT-FOR-LIT.
MOVE TFR-RMT-TOT-ITEMS TO SUM-RMT-ITEMS.
MOVE TFR-RMT-TOT-DOLLARS TO SUM-RMT-DOLLARS.
MOVE SUM-DETAIL TO SUMMARY-REPORT-LINE.
MOVE '0' TO CC-LINE.
MOVE 2 TO ADVANCE-AMOUNT.
PERFORM J900-WRITE-SUM-LINE
THRU J900-WRITE-SUM-LINE-EXIT.
J200-WRITE-GRAND-SUMMARY-EXIT.

```

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003088

```

EXIT.

J300-WRITE-SILCODE-SUM.

M WRITE ACH ITEMS LINE

MOVE TFR-TBL-SC-CODE (TFR-IDX)

TO WS-SC-CODE.

MOVE WS-SC-LIT

TO SUM-RMT-TYPE-LIT.

MOVE 'REMITTANCES'

TO SUM-RMT-RMT-LIT.

MOVE 'FOR'

TO SUM-RMT-FOR-LIT.

MOVE TFR-TBL-SC-ITEMS (TFR-IDX)

TO SUM-RMT-ITEMS.

MOVE TFR-TBL-SC-DOLLARS (TFR-IDX)

TO SUM-RMT-DOLLARS.

MOVE SUM-DETAIL

TO SUMMARY-REPORT-LINE.

MOVE '0'

TO CC-LINE.

MOVE 2

TO ADVANCE-AMOUNT.

PERFORM J900-WRITE-SUM-LINE

THRU J900-WRITE-SUM-LINE-EXIT.

MOVE SPACES

TO SUM-DETAIL.

J300-WRITE-SILCODE-SUM-EXIT.

EXIT.

J800-WRITE-SUM-PAGE.

MOVE '1' TO CC-LINE.

MOVE SUMMARY-REPORT-LINE TO JUNK-LINE.

MOVE WS-LAST-COMMIT-COUNT TO JUNK-COMMIT-KEY.

WRITE SUMMARY-REPORT-LINE FROM WS-PRINT-LINE.

J800-WRITE-SUM-PAGE-EXIT.

EXIT.

J900-WRITE-SUM-LINE.

MOVE SUMMARY-REPORT-LINE TO JUNK-LINE.

MOVE WS-LAST-COMMIT-COUNT TO JUNK-COMMIT-KEY.

WRITE SUMMARY-REPORT-LINE FROM WS-PRINT-LINE.

J900-WRITE-SUM-LINE-EXIT.

EXIT.

K100-DRAFTITEM-RECORD.

M CREATES THE DRAFTED ITEMS FILE FOR PAY-BY-PHONE CONSUMERS. M

MOVE '020'

TO DRAFT-TRANS-TYPE.

MOVE '1'

TO DRAFT-CHECK-DIGIT.

MOVE CP-SSN

TO DRAFT-SSN.

MOVE CP-CHECK-CR-PHONE

TO DRAFT-MRCH-XREF.

MOVE CP-CHECK-PHONE

TO DRAFT-MRCH-PHONE.

MOVE CP-CAT-MBR

TO DRAFT-MRCH-CAT.

MOVE CP-MNEMONIC

TO DRAFT-MRCH-MNEMONIC.

MOVE CP-PAY-FREQ

TO DRAFT-PAY-FREQ.

MOVE CP-STATUS

TO DRAFT-PAY-STATUS.

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05/25/91

LISTING OF MODULE PDB00010

EXIT.

9000-COMMIT-WORK.

```

DISPLAY '#####' WS-TOTALS
PERFORM 9200-WRITE-PAY-TBL THRU 9200-EXIT
PERFORM TRACKING-NBR-SAVE
THRU TRACKING-NBR-SAVE-EXIT.

```

```

MOVE 'UPDATING 1900-PROG-CONTROL' TO STEP-DENOTER.
EXEC SQL

```

```

UPDATE 1900_PROG_CONTROL

```

```

SET PC_LAST_COMMIT_KEY = :PC-LAST-COMMIT-KEY,
PC_RESTART_MODE = :PC-RESTART-MODE
WHERE PC_PROGRAM_NAME = :WS-PROGRAM-NAME
END-EXEC.

```

```

EVALUATE TRUE

```

```

WHEN SQLCODE = 0

```

```

EXEC SQL

```

```

COMMIT

```

```

END-EXEC

```

```

MOVE WS-PREVIOUS-SSN TO SQL-PREV-SSN

```

```

EXEC SQL

```

```

OPEN T002

```

```

END-EXEC

```

```

WHEN SQLCODE = 100

```

```

GO TO ERRCMK

```

```

WHEN SQLCODE IS NEGATIVE

```

```

GO TO ERRCMK

```

```

END-EVALUATE.

```

9000-EXIT. EXIT.

9100-LOAD-PAY-TBL.

```

-----
* LOAD RESTART ENTRIES FROM THE PAY TABLE FILE. EACH RECORD
* CONTAINS THE INDEX POINTER, SO THAT THE RECORDS CAN BE
* STORED DIRECTLY WHERE THEY WERE WRITTEN FROM. THIS ALSO
* PROVIDES US WITH THE MOST RECENT OCCURRENCE OF AN ENTRY.
*
-----

```

```

OPEN INPUT PAY-TABLE-INPUT

```

```

MOVE ZERO TO TRANSFER-TBL-ENTRIES.

```

```

SET NOT-END-OF-TBLIN TO TRUE.

```

```

READ PAY-TABLE-INPUT INTO TRANSFER-PAY-TABLE-REC

```

```

AT END

```

```

SET END-OF-TBLIN TO TRUE.

```

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003192 03/13/91
003193 03/13/91
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003240 05/25/91
003241 05/25/91

```
PERFORM UNTIL END-OF-TBLIN
  MOVE TFR-PAY-TBL-NBR TO TRANFREE-CURR-ENTRY
  MOVE TFR-PAY-TBL-ENTRY
  TO TRANFREE-SC-ENTRY (TRANFREE-CURR-ENTRY)
  IF TRANFREE-CURR-ENTRY GREATER THAN TRANFREE-TBL-ENTRIES
  MOVE TRANFREE-CURR-ENTRY TO TRANFREE-TBL-ENTRIES
  END-IF
  READ PAY-TABLE-INPUT INTO TRANFREE-PAY-TABLE-REC
  AT END
    SET END-OF-TBLIN TO TRUE
  END-READ
  END-PERFORM.

CLOSE PAY-TABLE-INPUT.
9100-EXIT. EXIT.

9200-WRITE-PAY-TBL.
  MOVE 1 TO TRANFREE-CURR-ENTRY.
  PERFORM VARYING TRANFREE-CURR-ENTRY FROM 1 BY 1
  UNTIL TRANFREE-CURR-ENTRY > TRANFREE-TBL-ENTRIES
  MOVE WS-LAST-COMMIT-COUNT TO TFR-PAY-TBL-COMMIT
  MOVE TRANFREE-SC-ENTRY (TRANFREE-CURR-ENTRY)
  TO TFR-PAY-TBL-ENTRY
  MOVE TRANFREE-CURR-ENTRY
  TO TFR-PAY-TBL-NBR
  WRITE PAY-TBL-OUTPUT-REC FROM TRANFREE-PAY-TABLE-REC
  END-PERFORM.

9200-EXIT. EXIT.

CHECK-EFT-CODE.
  IF NO-METHOD = 'P'
    MOVE CF-PAPR-RT-TRANS TO PDR-ROUTE-TRANS
    MOVE CF-PAPR-ACCT-NBR TO PDR-ACCT-NBR
  ELSE
    MOVE CF-ROUTE-TRANS TO PDR-ROUTE-TRANS
    MOVE CF-ACCT-NBR TO PDR-ACCT-NBR.
  CHECK-EXIT. EXIT.

TXRTNS
-INC FDATEINS
  ENRCHK.
-INC SQRERR
```

003242	03/13/91
003243	05/25/91
003244	05/25/91
003245	05/25/91
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003250	05/25/91
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003253	05/25/91
003254	03/13/91
003255	05/25/91
003256	03/13/91
003257	03/13/91
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003280	05/25/91
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003285	
X 003286	11/14/90
